cil is encouraging tenants to form co-operalives to undertake repairs and improvements to their hontes.

these were formed several years

Now the council has ap-pointed two officers to liaise with existing communities to help them set up co ops, with the first being launched this month.

launch and members have been Two co-ops already exist, but operative covers a 49-house Mount Glen Housing Cotools, equipment and supplies. estate, but talks are also being ago when the estates were built. held with 17 groups representing for work, although any jobs

costing more than £10,000 will have to be offered to the council's estates department. The co-operative will take over all internal repairs, inclu-

larger estates and tower blocks.
The Mount Glen group has

been given £23,000 to help its

instructed in the purchase of

It will be able to seek tenders

By John Wood

ding cracks in walls, brickwork plumbing, carpentry, decor-ating, and minor electrical jobs. It will also take over reaponsibility for common areas.

The co-op was formed after the council balloted the estate, with 98 per cent of residents voting in favour of its being set up and the committee of the residents association taking over as the management committee

Co-op chairman Leo Long commented: "In a way this scheme is making all the residents owner-occupiera without them actually purehasing their homes, and they will be financed Farrell scheme topped out

Terry Farrett's tatest schome in the City of London was topped out tast

and work House of the longition of London was topped out tast completely by the council to do their own repairs."

Trend report

A DoE report on warehouse trends is available from EDU International, 38 Tower Street Winchester, Hampshire SO22 8TA, tel (0962) 67376.

Terry Farrett's tatest schome in the City of Lordon was topped out itset week. Landmark House, st the junction of Leadankali Street and Farchurch Street, provides 28,000sq feet of office apscean eight tevels, the lower four of which have been pre-let to Midland Bank. The glozed cylindrical tower acknowledges the praminent coroer on which the historic Addgaia Pump is located, and the grantte cladding responds to the urbanc ontext. Construction of the steel-framed boilding to on a "fast track" programme scheduled for coopletion in Fabruary 1987. Developer is Central & City, which funded a major orcheological dig an the sita that revealed the charted remains of timber boildings and the passible course of the Roman road to Colchester. Workshop series follows international conference

THIS week's potential conten-A SERIES of workshops organder for the title of the world's ised by the RIBA Community tallest tower block comes from Architecture Group, entitled "Building Communities: the role of the architect", will take Designed by Kober-Belluachi place on November 29 at the

of Chieago, the proposed 121-121-storey tower would top the Sears Tower by 96m. Subjects under discussion will For an outlay of just \$500 include how to undertake largemillion, developer Harry Grant scale community projects and how local authorities can is hoping to build a 500-room hotel, 27,000sq m of retail space. practise community architect-270,000sq ni of offices and a our-mile monorail to Newark

Details from the Community Architecture Office, RIBA, 66

MONTROSE Technical Re-

cruitment, the major architectural recruitment agency, has opened its 12th office, in Bristol. They any there is unprecedented demand for professional ataff in the area. Portland Place, London W1, tel: 580 5533 (ext 4033). The workshops wilt follow the

Council launches blitz against gas appliances

Borough of Waltham Forest have ordered that gas appliancas nhould ha taken out of Northwood and Whitebeam towers immedfately, and this week launched a major inquiry into the problema of system-buttt blocks in the

The atructural condition of tha blocks, hutit to the BRS Battery

Ing Cesign, London 8E18. Every Friday, Copyright 1986 Morgan Grampian ptc. contents of Building Ossign are subject to reproduction in information storage retrieval system. Member of the Audit Sureas of Circulations. Firmate by Phoenix Typessiling Ltd, Ruttend Hause, 69/92 Baxter Avenue, Southendand, San-Ses, Essex 82 6BW, Printed by Alabaster Passmare 8 Sons Ltd, London and Maidstone. Registered as a newspaper at the Post Office.

The genaral inquiry is likely to discuss 1969 documenta which say that the council reversad a dacision to strengthen three BRS tower blocks because it would be too axpansive,

Other recommendations in the council minutes in the late 1960s, for atrengthening work on tower blocks and for an inquiry into the BRS aystem, have also base

Summing up Five architect/crific give their views on the Foster, Rogers and Stirling shows the Royal Academs We would welcome short reviews (up to 200 words) from reeders for future publicetion.

Cedric Price

THE president's acid-green tie at the top of the stairs (on opening night) gave a hint of things to come. Certainly no Ghastly Good Taste in this exhibition — more the Theatre of Black Comedy with Rogers' enormous dark canal complete with fish, Stirling's Day-Glo constructions against a blsck sky and Foster's everchanging illuminated hoard-

A giant exhibition of six birds of schemes. Three came to roost and three flew sway and I'm bloody glad they did. I'm delighted the show is on

- let's hope its success enables liable to get out of hand. But the feeble end-of-the-pier seducing the public to look at collections that have formed the Architecture Section of the architecture doesn't have to be this vulgar. More Birming-Royal Academy's Annual Summer Exhibition to be ham Trade Show than Art Gallery installation, the only liscontinued. The exhibits will be lavishly and selectively thing lacking were page three lovelies draped over the modreproduced in the press, but to witness their encouraging similarity you have to visit the Stirling comes off best, of course, becouse part of his obility is knowing just how vulgar to be. Foster hosn't the show. They are all finite, respectful of site and eminently self-conscious in the best sense of the word. However, they do make people look a bit tatty. The works find the Present encouraging — they neither recogniae Rogera

wit to prevent overblowing it and Rogers' installation looked like nothing ao much as o firstyear student on a Getty-sized What was interesting was how much better all three's reference to a crisis in architecture nor evidence Stirling's reputed historicism. They do not threaten, as do Charles Eamea, Buckminster Fuller and Palladio. It's a great show — see it and be reflected.

buildings were compared with their projecta. BBC Langham looks thoroughly ordinary compared with Honkers & Shankers. It could have been done by Fitzroy, Brownrigg & Robson (and probably will be of White City). Rogers' pedestrinnisation of central FOSTER emerges as the most London will no doubt grab hesdlines; but windswept hard-surface along the Embankment are as insensitive to London as they are unrealisable (this water tank overlooks the fact that the Thames is tidal). These fantasy architects are obviously better with real clients. Stirling's Staatsgalerie is the star of the show, brilliance oozing from every pore of the enigmatic confection. But his National Gallery extension has not been improved by reworking with a Latina-atyle roof drum on what still looks like the Na-

grapes huhl)

Proposed Structura to raplace

erford Bridge, Richard Rog-

tects more clearly: tional's dog kennel (sour for architect-designed "public life" with meaningless dec No one in the other arts of

such stature would have to share an exhibition. Frankly they should have had a show 2 Stirling's eool National each, where they could be Gallery drawings, even revamped, somehow can't this Interesting rather than just selling. After all, when it'a all a anew. It is a well-mannered project, obeying its brief—not telling a public how to enter great success, what will the RA do for an eneore? There is a big drop in bravura and fascinitself or a city how to be nice. It is a strong, appropriate building which we can ill to ation factor down to the next

3 But Foster's BBCisthe of the show. It rises to the occasion wonderfully, it ad mits with almost embarrassin candour his difficulty will making both permeable 20 contextual architecture. Andi architecture. The things on lf the Regent Street facade is ahow are made from a set of still too ponderous in scale and easily assembled parts, taken the corner to Portland Place from a catalogue of products, astoundingly unsmoothed, he and they consist only of readywhole feels strong and right out to the sunshine, and if past Richard Ellis' sign offering the awfut Langhsm Hold for rent, there was no double

lished through the social in the children's world, and a consequent form of child knowledge assumes a min status. The displayed work had

same characteristic in white the same value and sreunge tionnble, formed in the face an imitable given resign against which all effortees. The corresponding banalty thought, self-protective to it. last, and avoiding or cover up what it is afraid to confor is atleviated by the single mechanism of characters tion and idiosyncratic diffe ence, covering the own sameness. Thus the Cindyol with a range of functions attributed character, the Fo ter, Rogers and Stirling de by which the work and this itself ean be given valu through the perceived indicaunl, and so cover up they to of effort on display.

John McKean

THREE fantasies of a but renlity: I Six sou are metred Stuttgart; 2 Peering into t swivelling doll's house of Lloyd's; 3 A lovely slideha of HKSB.

What is more abstract, anyway, than a bank? While more unreal than an insures niarkct? But what is mer concrete than a jewel case, wi the reni physical, culture crentions of print and carries it protects?

And yet we have the par-dox: Stirling is slated for his nbstractions while Foster and Rogers, the elenn twins, in proised for their hyper-reality surfaces, snaces and materia which speak of mechanism and repetitions, technique and engines, flying cranes and moving signs, of a mechanical romance to last even as the

Oxidisc to blade-running tal Secondly, the reality of the fantasies: three defeated proposals that define the arde

I Rogers' coup de thébit distant frigates on the horizon at sunset. Despite many place enhancing improvements, il suggests awful megalomanic windswept emptiness, a took

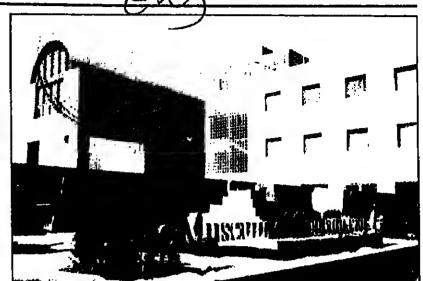
The weekly newspaper for the design team

Los Angeles artwork

The new Museum af Contemporary Ari in Los Angetes, designed by this year's RiBA Royat Gold Medallisi Araia isozaki, has recently been completed in time for its official opening in December.

Execution of the maseum, which contoins more than 3,000sq m of gattery space, a library, auditarium and scutpture court, has been a tong ond painful process.

Stx different schemes were pre-pared in succession before the final proposal was approved early in 1983. The original plans to open the museum in time for the Loa Angeles Olympics had to be abaddoned.



that individual members of staff

should be named in this way by

those seeking office. It must

surely be apparent that such action prejudices on-going work

and relations between elected

Private Hackney pledge to bring back John Harris defeats

DRAWINGS BECOME

Drawings Collection has become a key issue in the nresidential contest being fought between official candidate Raymond Andrews and chailenger Rod Hackney.

For Hackney has announ

He admitted that he hoped to increase his earnings in the long term, although the cost of joining a private practice would nean a cut in the first year.

ager Roger Johnson, who masterminded the privitisation, said It had been done because it would be far more cost-effective. Robert McClelland, who joined Design Team Partnership, speculated that several other

method for NHS work.

INDEX

charged with the task of raising the necessary money to negotiate the extension of the existing lease, and create an endowment fund to secure the future of the collection beyond 2002.

By BD Reporter

Hackney told BD this week he believed that the institute's council had approved the move

nolications

ced that if he wins he will invile John Harris, who resigned recently as curator of the collection, to rejoin it - and Harris says he will

Discussions between the two have laid the groundwork for Harria' reinstatement. Its basis would be that the collection would remain in its Portman Square home, and that it would operate as an autonomous unit within the institute, rather than being a branch of the library.

ondon Wall bonanza

London Mutual Insurance.

Acd Stuart Lipton's Stachopa

Two British Telecom buildings, Shelley House and Pewtarers Hall, would have to he schame, which would feature a | issue of the Architect.

Lipton's plans would link powerful leaderahlp," said Platstorera Hall and the Musaum Harria. of London. The formor would be "Its fortunes and reputation demolished above ground.

Square, Selling drawings would, RIBA president Larry Ro said Hackney, antagonise sponlland has attacked Hackney's sors, donora and lenders of threot to sack RIBA ataffif he is elected president. Harris has written to honor-He snid: "It is unacceptable

ary librarian John Wells-Thorpe, it is understood, objecting in the strongest possible terms to any proposols to sell. If Harris came back, it would

be on the basis of the collection staying in its home into the next century, he said. "Donors will have to know it's a permanent of the collection without understanding or being aware of all

The institute is currently the financial - or staff advertising for n new curator, but an appointment would not "The deal con't stand up," he jeopardise Haekney's idens. An said. He also attacked the idea autonomous department would which has been floated that bits need a director who would rank of the collection should be sold above the eurator. Alternato pay for the proposed move tively, Harria could be given a back to Portland Place - a consultancy which involved move which could cost, ultia much more specific brief than mately, as much as £5 million the one he has recently been compared with £1 million to

"I want to tay the foundations for ensuring the future of the collection," said Harris. "I've lways had the vision of a great future for the collection at

There is no love between Harris and the Portland Place bureaueraoy, deapite the fulsome tribute to him by secretary demolished to make way for tho | Patrick Harrison in the current

sre at a nadir. It's like a sub-

Bath plan rejected

FRIDAY OCTOBER 17 1986

AN application by architects Graham Stollar Associates for a three-storey office block in the centre of Bath has been thrown out by the city council.

Conservation groups oppo-sed to the development say that the site —a narrow street behind Bath's famous Circus — is more suited to housing than offices.

Listing to be reconsidered

THE procedure for listing buildings is to be reconsidered according to environment mini-

ater Lord Skelmersdale. The decision follows a debate in the House of Lords attempting to smend the procedure in the Housing and Pisnning Bill,

members and staff."

"It's raining cats and dogs yet there's not a drip through the roof. "Elementary my dear Watsonit's Ward Standing Seam."

The secrel of Ward Standing Saam Roof SS600 for all commercial and industrial buildings liss in 97% fewsr fixings that aliminals leak possibilities. And the anap-on batten cap that covers inisrlocking standing seam panels above water drainage level.

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Ward Suilding Component

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contender

Newark, New Jersey.

BE INTERCEPTOR

Caat system in the 1960s, was

oned by the tenaots after council surveya proved inconclu-

Sector council officers are investigating discrepancies in the structural raports on the two blocks.

community architecture, plan-ning and design on November 27-28. Jobs boom

first international conference or

consumate industrial designer, Rogers as the boldest interventionist In the public realm, but for me the truest architecturol imagination here is Stirling's.
It's significant that his is the only work to be represented by a physical composition of actual architectural elements - something that the human mind and body rather than a mschine can respond to, and which ahows Stirling's command of a range of expressive and representational means beyond the merely immaculate literalism of the pure industrial

Brian Hatton

However, as an inspiration for a really democratic, broadbased British architectural profession, and advertising promotion methods do more

revival, this show just will not do. Superstars do not make a to mystify than create conditions for a really popular building culture inclusive of every kind of initiative and ereativity. There's more to arehitecture than corporate palaces and sponsored mu-

Stirling's Stuttgart (in Germany, naturlich) and Foster's BBC (cancelled, of course) are wonderful, but there is nothing here on offer likely to help improve average British urbanism, tackle regional decay or let alone anything so modest as alleviate the housing prob-

Piers Gough

NO wonder the first designer jacked it in. With these three genluses trying to outdo eachother on an unlimited budget. (Robin Serjeanl and Kevin Rhowbotham) HOW strange to find toy-

layer of British architects.

makers in what was announced as an exhibition of mades, intellectual and pragmatie, that correspond to the atructures of fabrication and use of toys.

Toya are not just reductions of adult objects and roles, but a

The loss of this developments the exhibition was always displacement of those rela-

THE first privatisation of a regional health authority arehitects department has gone ahead, with the majority of caisting work going to three

The department at the North West Thames Regional Health Authority officially closed on September 30, with seven members going to First Hospital Architecture, three to Brilla & Phillips and two to Design Team

The former regions archi-teet. Kemble Croft, went to FHA, which was formed by First Architecture with Croft as managing director. FHA has taken over p

with a capital cost of £21 million with the two other practices handling similar amounts of Of the remainder of the 36-member department, Croft said: 'A few took early retirement

with the reat going singly and taking the work they were responsible for."

The authority's estatea man-

regions might be privatised. But the seheme was criticised by some former members of the department. The RIBA has stated that it believes In-house teams working with outside consultants is the most efficient

SHEPPARD Roham have de-signed and submitted a detailed Wall will be called London Wall also at the westam end of London lanning application for the argest scheme so far in the City's London Wall architectural hooanza — 45,000sq m for Royal

Securities is expected to s an application soon for a 28,000sq m sebeme, designed by RMJM, far London Wall's western and. Sheppard Rohaon's scheme,

News 3.7 and 60. Rostrum 2, Nows in plothres 5, Infill 9. Comment 9. Parryéctive 19. Scorpio 11. SAGE 11. Letters 12-13. Option 14. Festers 14-45, New products 44-46; Readers information service 47. Products in practice 48. Eastcheck 49. Datelina 50. Pree alsostifet 51. Appointments 52. 9 37

The Swindon effect



Enter 19 ONEXPRESS

Foster fan



output on show in the exhibition

IN the second of a series of

Tuesday lunchtime public

lectures at the Royal Academy, Designer magazine

editor Alastnir Best told of his 5-3t meeting with that

enigntatic figure Norman

hacksaw.

rdroom lighting in the Hongkong and Shanghat Bank by Erco, eo-sponsors e Royal Academy exhibition.

keynote speech in a different perspective. Andrews took the opportunity to launch his mani-

till we show you how to put

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anywhere with Sani-range small-bore sanitary systems - fram laos in the

a bathroom 13 feet below

the sewer level!

rebuke to Hackney for his joint RIBA/UIA candidacy.

their small-scale development operation that now provides their First, however, came the tale of Aodrews, Downie & Partners and office space.

aken up with rather more enthusiasm by Nicholas Falk, director of Urbed and enabler-extraordin-aire. He outlined the range of new opportunities open to architects, especially in community projects where antisfaction will usually hove to substitute for part of the fees, but which he believes most practices could obsorb in the context of the contoxi of their normal work-

Falk's dotailed ease studies of the problems in funding projects in Southwark, Calderdale and and it will take an outstanding project or a very persuasive

The prospect of convantional floance acurces funding the acut of project Falk discussed seam very remote indeed and Clarke's comments aroused some indignation among his audience. It's all ivary wall for backs to say they listen and bave a social conscience, but the reality is invariably a different matter.

Charles Koavilt gava a thouse Soni-range products can be easily and

velopers in their responses to

Conference chairman Oliver Willimore's summary of the day's architects, dayalopers and indeed the financial institutions he expected to take? For the former, he suggested, enough to faci uncomforlable, though be ac-knowledged that some individuals were better suited to a life of uncertaloty and unpredictability

The conference thema was a timely subject to choose, to the credit of the ACA, and most of the audience shared the enthusiasm and conscience of most of the enactors. Time will fall how many

News |

should be made within a month. models for the Nimes Mediatheque suggested some hesitancy at approaching problems on sensitive inner-city sites.

But in his new proposals for Stansted, Best considers that Foster is back on form - "it's Foster is back on 10rm — 11.5 exactly the kind of building he'll be very good at". Diagrammatically, the terminal building matically, the terminal building of the building matically, the terminal building of the building o passengers remain at ground level and move in stages directly towards or away from the aircraft. All servicing is organised below ground level.

Air travel, claims Best, will be brought back to basics and modern architecture, prem-Jencks in 1972, will be shown to

liser" No 28 Queens Rnad. The council now claims to he "in partnership" with Spey-hawk, whose scheme by BDP is based un demolishing every-thing on the Wimhledon town hall site that is nut listed.

soid a St Martins spokesman.

Philip Johnson is runnured

to be nne of the three Ameri-

can architects invited to prepare

designs, but the Kuwniti-owned

SIX weeks before the public

inquiry into the future of

development site, on the assum-

The workmen came armed

with written instructions from

ption that its favoured scheme

will emerge as the winner.

Merton to "officially vanduresidents' association;

Hospital into homes THE South London Hospital

for Women is to be demolished to make way for homes. The Metropolitan Housing

Association has submitted un outline planning application to Lambeth cunnell to replace the nospital, clused last year.

Internal andit staff at Lnm-

centre's weak management

atructure, including its inobility

to run the centre at a profit.

hended by Monk Dust Associates, will include: storey block of 48 flats

Health Authority is by quarter of the 1.6ha sikle The scheme, drawn up by n community healthcente. nnrsing lining and a mentil

centre's future will be say

Lambeth councillors sta

Six reach RIBA Troubled centre may clos gallery shortlist AFTER a catalogue of redesigns and re-thinks, the £25 million Brixton recreation centre could close hecause of staff shortages.

to enter the second stage of the partment with Ove Any two-stage competition being beth council ore preparing n report which pinpoints the schedule. held by the RIBA for a new exhibition gallery.

It will be located on the A final decision of-

existing sculpture court in the institute headquarters. The six are: Allica & Morrison, Trevor Horn, Jiricna

Kerr, Alan Stanton/Paul Wiliams, Troughton McAslan, and Wickham & Baumgarten. Commenting on the entries, competition chairman Michae Manser said: "We are delighted with the quality of the submis-

alons received and have had There were 33 entries for the first stage of the competition. The conditions and brief for stage two will be issued at the

end of October. paid to each of the practices, who will be invited to make a presentation of their approach

to the problem.

DUNFERMLINE practice James Watson Associates have won first prize of £3,000 in a ompetition organised by the cottiab Development Agency

winners

ond the RIAS. it was for the design of a block of factorica for the food industry, and the winning scheme Motherwell "Foodpark", the first of its type in Britain.

Wylle Shanka and Hypostyle Designa, and Edinburgh firm Forgao & Stewart.

Architectural Tours plans

READERS interested in contamporary art and Los Angales architectura could combine both this December.

Architectural Tours is organising a trip from December 2 to 10 in

prehensive and compelling body of work, so Best's survey averan invaluable insight. With the abandonment of the Hammersmith and Langham Hammersmith a spokesman said St Manar regarded this as "outdened the market" of the market the needs of the market. The current SDO Encight of developments of developments of developments of developments.

He also hinted that LET

By Lee Mallett

man, "it will be appreciated that

offered the corporation £150

was subject to all the deduction

for creating a new market, for

Include Roschaugh Stanhope

necessary conditions".

second phase to 5m THE City Corporation has thought St Marins in rejected the Spitaffields Devedesigns, but the Kuwuiti-owned company declined to name my site, next to Tooley Size offer for Splialfields market in East London.

SDG's offer was based on a scheme designed by Richard MacCormac and Fitzroy Robinson with an 85 per cent office The other contender content, and was contingent on Wimbledon town centre, Merton council has sent demolition.

inquiry, which opens of several other factors.

ember 25, is Gregor The Citydescribed to

ton council hos sent demolition scheme, by Terry Fut "misleading", and said it inbused on having the tended to put the site out to open shopping on a site sons market tender next year. recent reports that SDG had

from the lown by The main stumbling block for conserving all the bilding the SDG offer was Tower Merton council now; Hamlets' planning brief for the convinced that the inques site, which envisages a scheme though the Royal Fire Commission, English He.

With 45 per cent offices and 55 per cent residential uses.

"Given the vast areas of

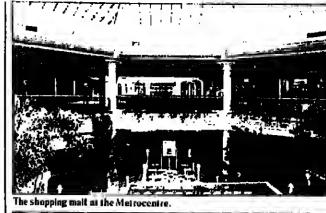
the Civic Trust, Vice uncertainty which still exist it Society and some 201 would beirresponsible to launch legislation (to move the market) in the next season of Parliament," said Peter Rigby, chairman of the corporation's policy

> "Its decision to defer the promotion of this bill has naturally disappointed us," said Peter Beckwith, of London & Edinburgh Trust, but he affirmed that LET and partner Balfour Beatty would be purauing the scheme and competing

would ensure its future bid for Both of these were waiting the market "satisfies all the until Tower Hamilets had issued its planning brief before they The corporation described prepared their schemes. SDG's bid as "simply a specula-

Now that the City Corporaion based on consent being tion has shown that it will not be rushed into moving the murket and redeveloping the site, the opportunity for several nther given to the mix of development schemes 10 be prepared has been that they hoped for".
"As a result," soid the spokes-

market is likely to be keen.



Associates, the first two stages of the shopping complex provide 1.36,520sq m of floorspace. Construction has recently started on the 56,000sq m third phase which will bring the total cost of the development to £150 militoo. **Government to** act on rents MAKING private renting of property more attractive is a priority of the Government,

Metrocentre

Environment secretary Nicholas Ridley officially opened the Gales-head Metrocentre on Monday. Hestgned by Ronald Chipchase &

opening

according to housing minister Speaking at the Conserva-

ive Party Conference he reafirmed the Government's commitment to developing home ownership, but udded that the Dof: was investigating ways of encouraging the private rented

interest charges, for certain properties owned by SDG on the Bishopsgate frontage and for the planning gains being sought by Tower Hamlets. "At the present time it is impossible to say with any degree of certainty that the corporation would see any Other developers that have declared their interest in the site developer of the nearby Broad gate complex, and CH Beazer Their architects ore Leon Kriet Philip Dowson, Richard Rog-Marjorie Appleton, Lord Perth The name for quality EPS insulation It's deck right it's ▲ Lightweight, assy to handle and fix on site. ▲ Large, single layer thicknesses available Agrément, FRCAB and MACEF approved. Suliable for any rool dack construction. ▲ in axe as of 700,000 m² leid, Compatible with most weatherproofing systems. YENDEL RESIL LIMITED - ARNDALE HOUSE - 18-90 SFISAL ETREET - DARFOAD - KENT - DAT 2HT TELEPHONE 103622 27299 - IELEX LYR DARTI 696097

Out of the consulting room soltant Architects nemual conference last Friday was set up, Raymond Andrews was in line for

The conference theme, "New devalopments in practice", was If you thought putting a loo 165 feet away from the soil stack was impossible, wait

In Southwark, Caiderdale ond Bradford were brought into simply focus by the comments of William Clarke, Midland Bank's group industry advisor on property. In essonce, banks want to make a reasonable profit without risk, and it will take an outstanding

developer to change matters.

shiy a different matter.

Charles Koavlit gava a thoughtful and thought-provoking account of recent chaoges in what gats built and wby, highlighting American instances of commercial funding for community iprojects, and the chapting atticost of building work, just contact us projects, and the changing atti-ludes among architects and de-

speakers. Tima will tall how many really want to learn the new tricks.

to save County Hall A NEW group has been formed to fight for the retention of London's County Hall in clvic bullding, including hold in dential, conference and less dential, conference and less dential. and public use. The group, called Friends of County Hall, intends to campaign on a non-

It has as its founding members consent. Lord Macintosh (the form-er Labour GLC leader ousted by There is little doubt, houre that all such applications miles proceedings cantrad on the. Ken Livingstone) and Liberal MP Simon Hughes, and is desperately seeking a conservative MP to join its ranks. that a public inquiry will have

.5 million sq ft.

také place. Many other problems plate the building, the worst being The fledgling group will probably increase its activities extension of lease granted of ILEA to stay until March is which will probably be also as the marketing push by Richard Ellis gets into gear.
The agents have begun a worldwide advertising campaign for the 2.2 million sq ft

Staff shortages are thought to have seen the audit teams be aggrevated by Lambeth's report.

New campaign aim

naxt general election. In addition the builded structural steel frame is in act complex, of which the famous of attention, the windows riverside building facing the Houses of Parliament contains replacing, as does the rise plumbing, heating and life the building is full of asbests.

The floor to ceiling height Richard Ellis will in the next

tall how many the new tricks.

Ian Lathom.

Kicnard Ellis will in the next generous for cost-ellis applications to Lambeth council for a variety of changes of use which average II feel, at po generous for cost-effective dential or hotel use, yel took

trip to Los Angeles

association with the Conjemporary Art Society, which will coincide with the opening of the naw Musaum of Contemporary Art by Isozaki, and the International Conjemporary Art Fair.

Yisits includabuildings by Wright, Gahry, Schinder and Eames, and the J Paul Gatty Museom, Basic cost is £863. For forther details

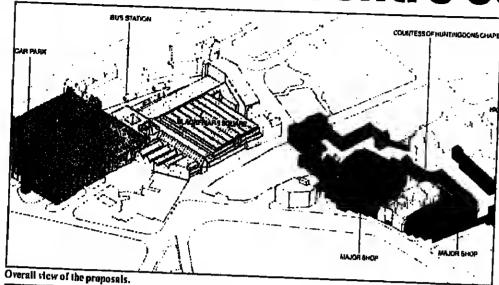
conjuct Victoria Thornton at 80 Lamble Streat, London NW54AB, tel: 01-267 7567, and maoilon Building Design as the information source.



SMALL-BORE SANITARY SYSTEMS-FOR THAT ADDED C

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RFAC attacks Gibberd's Worcester centre scheme



sion has attacked Frederick Gibberd Coombes & Partners' revised design for a new town-centre shopping scheme

The RFAC is "dismayed" by what it calls "arbitrary and whimsics!" aspects of

But the architects have described the RFAC's comments as entirely unfounded".

The City of Worcester is partnering Centrovincial Esales in the development. Centrovincial submitted a detailed planning application in December 1984, and discussions

have been taking place since on the final form of the scheme. The architects presented the final version to the RFAC on

causes "a large part of the hopping mall to be covered". St John-Stevas said the commission found "the design of the new Blackfriars car park unacceptable and its arbitrary and whimsical forms inapproprinte to its function and unworthy of ts prominent position on the

cisins stein from that presenta-

chairman Norman St John

Stevas, the decision to demolish

the existing Blackfriars car park

should have been used as un

By Lee Mallett

opportunity to incorporate the

bulkier elements of the scheme,

so that lower-density develop-

ment could take place around

the listed Countess of Hunting-

objected to the "high-level"

deck which services the scheme

from the first floor, because it

The RFAC also strongly

According to commission

Frederick Gibberd Coombes & Partners, stung into u format response, have issued it statenent which points out that the new cor park will be t / storeys lower than the existing one (although it will hold 230 more

To put the larger stores at the Blackfriars end of the scheme would reduce their retail value too much and increase the height of this part of the scheme by two storeys, they say.

Hillier Parker, the developer's ndvisers, say relailers would not be interested in smaller units around the chapel without the presence of the larger stores. On the RFAC criticisms of Road, Ashton-underly the car park design, the architects said: "We do not accept 9099.

building."

ommittee meeting on the

21, it is likely he will recom

that Frederick Gibberd &

bes re-examine the design

the RFAC's comments of

high-level service deck and

recommend that thee,

for grabs

TOTAL prizemoneyoff

on offer to students in the ? Inplan Award competit

sprinsored by the British L. Urctlinne Foam Manufacter

Association and Buildet

The competition is es:

Their hrief is to count

nergy-conservation max

for the swimming pool:

uthletes' village at the li

Birmingham Olympics.
Details: JB Pattison, Dr.

However, he disagress

September 24. Its current criti- that the proposed for either inappropriate n; function or arbitraryin; The pitched roof is denr.

CUTTING statt is not to to get value for money in planning departments, accordance loba Banham, the Audit The pitched roof is denging to John Banham, the Audit ing to John Banham, the Audit Commission controller.

Otherwise be a large by Decous structure The Liu an article in Town & have projecting gable Country Planning this month he says that vision, strategy and service are what is needed. ions entry points in

He believes planning needs a But Stuart McNidde, sense of direction and praises the cester city architect and; paper A new vision for Thamesning officer, agrees we down as one of the best advertise-RFAC's points about the park, and when Centrain ments for local government he has seen. planning application gos,

As a measure of efficiency, he suggests applications processed per staff member should not fall below 100 and that 65 per cent of applications should be dealt

with within eight weeks. Also, committee cycles could be shortened and more decisions

THE mediocrity of many recent

British buildings is due largely to rigid interpretation of building and planning regulations, according to Leslie Webb, a regional chairman of the RIBA.

Speaking at a seminar on revised Building Regulations in Bradford, he said: "Every ilding today is a compromise because at planning application often different requirements and demands of the manybodies and regulations involved,

The problems of compromise at planning consent stage remained the biggest obstacle to exciting buildings.

Lambeth architect set to appeal over misconduct ruling over by magistrates for £500 and

ordered to pay costs after

threatening Drummond. An

appeal in September was dis-

By John Wood

Although assnult on another

officer is usually an instantly

sackable offence for local gov-crnment employees, Hall is still

nissed, also with costs against

ing at Lambeth council has recommended that senior architect Mark Drummond should be dismissed for gross misconduct.

According to sources within the council he faced a total of nine charges, of which seven were dismissed.

He was found guilty of "disobeying a manngement order", which is classed as misconduct and could only result in consure, and of persistently talking to the press — a

sackable offence. The more serious charge is usually only used against staff who have divulged council secrets and Drummond maintains that he only passed on details relating to his personal

by council officers and it is expected that Drummond will lodge an appeal which would be heard by a panel of three

Friction between Drummond and the council began after Herbert Meyer, Lambeth's practice manager, was suspen-

Drummond was suspende after he spoke to national papers about the case and criticized the

In June another member of the architects department, Nalgo



Rubber duch ... no. it's not the new "handlo" for a CB enthustasi, but tho latest littucks from America making its dobut at Finsbury Avenue (Phaso III designed by Arup Associates.

Minister in warning on green belt plans

DEVELOPERS were warned thia week that the Government would not allow massive shopping and leisure developments

Speaking at the Confederation of British Industry conferenvironment, countryaide and planning, William Waldegrave, said the Government would be given new powers to scrutinise

permission is given. Waldegrave said: "It is diffifull in the face of long establifully committed".

He went on to say that not all Government would be given "a its course of action.

most ambitlous planned centre, the four-storey Runnymede International Shopping Centre designed by Building Design Partnership, is in the green belt. Like many of the schemes proposed, Runnymede is on

Developer Arc Properties

on full pay on July 17, 1985, has still to be informed of 11 charges against him. In the intervening 15 months James Camphell, who brought

the action against him, has left the council, and many conneillors from that period have heer surcharged and barred from office after an illegal rate was set. Lumbeth council refused to

comment on the cases, saying employed by Lnmbeth and gave they were confidential.

Derck Lovejoy & Partners have been premiated in the Phoenix Awards 1986 created by the Memortals Allvisory Board. The unusual award is for a design to commemorate cremated burtols at the Mortonhall Crematorium in Edinburgh. The MAB has recognised for mony years that the cost and problems of maintoining traditional concerted has led to ogreater proportion of cremotions — at the moment 70 per cent. But research into grief therapy hos shown o need for memorials. The Phoenix Award scheme alms to study new approaches to the

Dereh toyejoy's scheme (above) examines how o walled garden could be created as an oldernative to a lown cemetery, without detrocting from the

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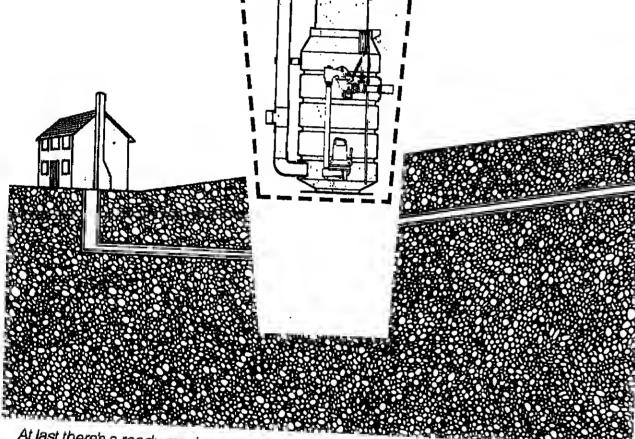
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Private consortium plans new town

THE Haydon Development Group, a new consortium of private housebuilders, has submitted a planning application for a 607ha newtown north-west

The land, which is known as the Haydon Sector, could support a community of about 24,000 people and a mix of residential, industrial, leisure and other commercial uses.

Members of the consortlum include Crest Homes (which owns about 242ha in the area.

and which started busines certain, although Thamsak and which started buying its holding about two years ago). Bradleys/EEC Construction, Costains, McLeans/Tarmac and Prowtings.

If the acheme gets the go-ahead from Thamesdown planners, it will be one of the largest private-enterprise lown expan- by the end of 1989.

sion schemes in Europe. Up to 9,000 homes are need to meet demand into 1990s, while 69ha is school for industrial and comme development.

According to the consorti the main impelus for the don Sector is Swindon's now growing population mated to reach 172,000 by mid-1990s - and the preded ance of young people.

planners are anticipalist further boost in Swinder growth, so the consort unlikely to suffer the so opposition from planners Essex has faced. A start on sile could be mis

University scheme gives Labour the Oxford blues

THE Labour leader of Oxford City council has described proposition of University for new technology and engineering building?

Alan Griffiths said of the 3,700sq m proposals for Keble Road. The proposal is massive and is very boringly dealgned indeed. It is the lima we expected the university to do batter. Griffiths' comments persuaded the planning committee to defer dealshon on the scheme and are planning committee to defer the planning committee the planning committee

dacision on the scheme — designed by the university's sureju-dapartment — in the hope of a better design will be produced.

It is understood the university is considering amending its scheme.

in the green belt.

ence in London, the minister for all developments over 225, 000sq m, whether in the green belt or not, before planning

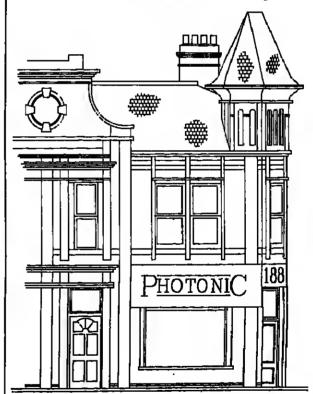
cult to see why major developers and institutional investors ahould be advancing these giant speculative projects which fly shed green belt policy - a policy

applications would be called in under the new direction, but the clear opportunity" to consider The country's biggest and

the M25 London orbital motor

realised that if Runnymede was to be built it would need a ster to give it the green light.

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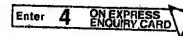
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Baroque design wins statue competition

A HIGH aaroque design won the Observer/Royal Academy competition for a "house" around Sir Joshua Reynolds statue in the RA fore court - but

it will never be built.

The first prize of £1,000 was awarded to an nrchitect. Nick Gilbert Scott — a descendant of Albert Memorial architect George Gilbert Scott — to-gether with an engineer, Willy

The intention was to conatruct the winning entry but because of the elaborate design it has proved too expensive.

Instead, a model of it is being made and will be shown, with the other winners, in an exhibition at the RA next month. The second and third prizes

were won by an art dealer and remedial teacher respectively. The competition was auggested to the RA's education department by architect Steven Smith, who works for Terry Farrell, aa a way of involving the public in

Peaks seminar

A SEMINAR on conservation and touriam in the Peak National Park Itas been organised by the Sheffield Society of Architects for October 30 Sheffield University.

Tickets are £30. Details: the Sheffield Society of Architects, Montgomery House, Union Road, Sheffield SI 19EQ.

Ridley confirms plans for urban development bodies on show RADICAL PROPOSITION

year that the Government would be selling up new urban development corporations has been confirmed by DoE chief Nichoias Ridley.

As reported by BD (August 1) Trafford, to the south-west of eentral Manchester, Teesside Docks and Birmingham have been singled out — along with Tync & Wear — for UD Cs.

They will be set up and run along the lines of the London Docklanda and Merseyside

By Amanda Balilleu

development corporations, which have "impressed mini-aters in their ability to altract private funding."

Ridley told the Conservative Party conference last week that the new authorities would have power lore de velop and rebuild he fabric and proaperity of hese areas'

The DoE said that each UDC eould spend between £100 million and £160 million oversix or seven yeara.

The bulk of expenditure will go into land reclamation, the provision of access roads and other infrastructure, to pave the way for subsequent develop-ment by the private aector for

The UDCs will be expected to abow their major as hievements within 10 years, said a Dof

BROADGATE BUILDINGS 1 & 2 A DEVELOPMENT BY ROSEHAUGH SIANHOPE DEVELOPMENTS PLC.

Trafford Park, once the largest and most modern industrial estate in Europe, will be the

first UDC set up.
As reported in BD (September 26) a report by consultants Roger Tym & Partners, commissioned jointly by the DoE and Trafford council, recommended a regeneration programme involving the creation

Outside consultants will now be appointed for Tyne & Wear and Teesside, but Labourcontrolled Birmingham council has already established a conacrtium for tackling inner-city areas, and will be asking the Government for a free rein to pursue its own proposals. A Birmingham council spotely need Government help but Pressure group Docklands would prefer to solve our own

Forum has been quick to critidestiny from a local level." cise the Government's announ-The DoE said it will consider cement. Forum chnirman Fnt-Birmingham'a proposals but her Jim Kennedy said: "The has not ruled out the option of UDCs' remit might be regenentimposing a UDC against the tion but if the LDDC model is council'a wishes. followed the new UDCs will not While Trafford Park should tackle local problems, and the be running by 1987, work on local contother areas will take longer as placed". local community will be dis-

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exact boundaries of the urban development areas still have to Lawsuit Like the LDDC and MDC,

ARCHITECTS Anthony Lew-is, who designed Trinidad & the new corporations will have the power to buy and service Tobago's twin-lower financial land, encourage the developcomplex, are suing the Trinidad ment of existing and new government for alleged breach industry and commerce, and of contract. provide houses and accial

facilities to encourage people [0] was opened in March. The US\$100 million centre

The first scheme of h ambitions and expense, over £3.5 million, here centrepeice of watering tains and pools, with nreus and terraces ato utside. Scheme two user nvailable space for an

providing more used for the public the commi square. Scheme three is a blead and two, while scheme had improvement of the

A public consultation tion is at the Trocadero (Shaftesbury Avenue from October 1710 Now





Village for Chelsea set

judges hold ARCHITECTS Moxley & Jenner were the first to spot the potential of Cholsea Harbour — an 8ha derelict site offering half a mile of Thames trontage, within minutes of tashionable Chelsea.

minutes of tashionable C heisea.

After approaching the site's owners, with developer P&O, Moxiey & Jenner were declared the outright winners of BR's design and tender competition, judged, somewhat uousually, by Hammersmith & Folham planners.

Last week saw the topping out of the 20-storey fielvedere Towor, the first talt tower in West London with external feature lifts, as well as staggering views of back awards

the Thames.

The 13 buildings are designed around a 75-borth yacht harbour, connected to the Thames by a loch. For those who can't stretch to the drown yacht, there are still tentative plans for a pier — shown in the current model — to nilow a river boat to ferry passengers to Westminster.

Ray Moxley said he designed Chelsea htarbour as a complete village providing — as well as 400 houses and apartments — shops, office chambers and studio workshops, community centre, hotel and homes for the over 60s.

Although some way from completion, news of Cholsea Harbour has apread fast. Not only is it the largest composite development in Londoo sloce the war, but it is the Rrst substantial "shell and core" with generously proportioned flats, all news 130cm.

all over 139sq m. Marketing of Chelsea Harbour begins this weeh.

been ieft unfliied in the latest The winners of the SIAD/ Government-sponsored att-

empl to encourage better standards in the UK. Of the 55 entries in the The awards, promoted by the Society of Industrial Artists & interior design category, Barry Gusson's Burrell Gallery won

D'I awards were fully praised,

Designers, Designers Saturday and the Department of Trade & The jurors said his work industry, found winners in the provided a "stunning example interior deaign and deaign of completely fresh approach to

management categoriea. But the judges, including Norman Foster and Sir Terpublic arı gallery design". They praised the unique concept of creating environ-ments which complement the ence Conran, were unable to make awards in the products collection itself, incorporating parts of the collection into the building structure.

and graphics aections.
"There is absolutely no point

By BD Reporter

oursuit of excellence in order to ceommodate the medioere,"

The disappointing entry, east for these eategories, is the latest in a acries of awards flops. Last month, the RIBA announced that it would not be making any energy efficiency awards this year because of the disap-

And later this month, it is understood that PA Maaagement Consultants will reveal that two eategories in its build-

handleapped in Eastleigh, and Robin Wade Associates for their Egyptian sculpture galleries at Keppie Henderaon were prai-

sed for their work on the

Also praised were David

White and David Morris, of

Hampshire county architects.

for their work for the young

Glasgow Sherriff's Court. In the design management category, aritish Airports Authority won first prize - atribute to the work of Jane Priestman, who has now left to join British

a dinaer in the Queen Elizabeth Conference Centre last Satur-

Bedfont plan would cut into green belt

ARISTOL architecta Richard Hemingway & Partners are designing a 93,000sq m hi-tech scheme for developer Rutland Hall on RMC Group's 100ha gravel-pit site at actiont, west of London.

The scheme would mean the loss of 23ha of green belt, but would pry for new public park, ereated from the worked out aedfont Lake site, the size of Battersen Park according to the

A planning application has been made to Hounslow, and Rutland elalma that two yearaof consultation with the pinnners, and four public meetings with local realdents, bave ironed out the major planning problems.

Rutined also points out that its scheme conforms to Hounslow's new West Area local plan. | Development Corporation.

ling 3ha will be developed for housing, and a further aite will be developed for industrial usera. Existing non-conforming users on 7ha are to be relocated When completed, the new park would cover 76 ha.

Festival site closes down

THE Liverpool Garden Festival site closed down last week niter million complex, went bankrup1. Poor summer weather has

Control of the gardens will low revert to the Merseyside



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PSA moves to improve its suspended ceilings AN attempt to improve the quality of its suspended celling systema is being made by the Government's Property Services Agency.

It is inviting manufacturers to complete a questionnaire as its first mova in plans to revise its list of approved systems.

Those who are accepted will then be able to tander for ceilings for a period of three years.

Questionnaires should be returned by November 21. They are available from Third Programme Suspanded Celling Systams, PSA, Mathad of Building, Room 1410, Apollo Hause, 36 Wellesley Road, Croydan, Surrey CR9 3RR. Tal; 01-686 5622 (ext 4583).

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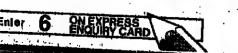
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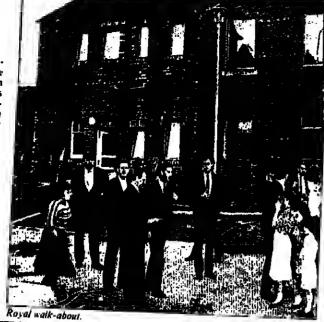
Scots pioneer

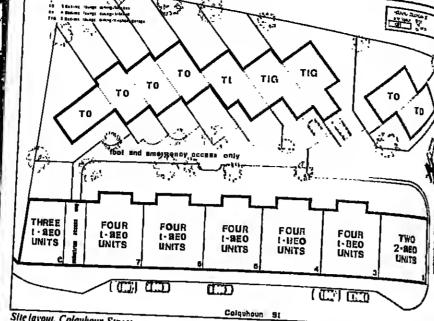
The Prince of Wales opened Scotland's first self-build housing scheme this week. The project was undertaken by the Colquinoun Street Residents Association, Rod Hackney & Associates and Stirling District Council in an effort to alleviate the need for council housing in the area.

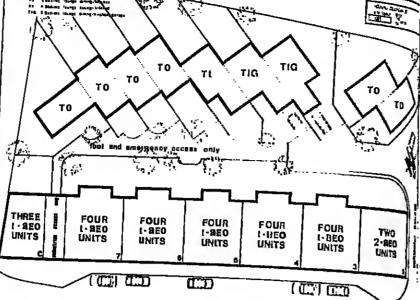
Council leader Michael Connarty eammissioned Rod Hackney to look at other tenure options than local

at ather tenure aptions than local authority housebuilding. The architecis identified a graup af people on the waiting list who were prepared to set up a residents association and co-

set up a residents association and co-aperative to use their awn manage-ment and building skills on lacal authority land to provide 36 hames. Once the finnnces were organised with two building societies sa that people an the dole cavid get mort-gages and buy the land at a naminal value, skilled warkmen from various building trades were emplayed by the building trades were emplayed by the residents to teach them skills.



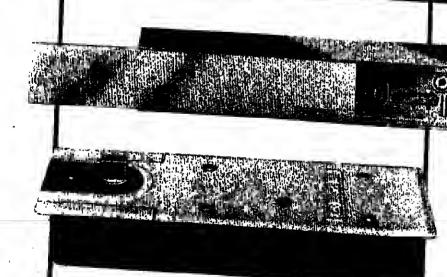






Left to right: Prince Charles. Michael Connarty and Rod Hackney discuss the hands-on practicalities.

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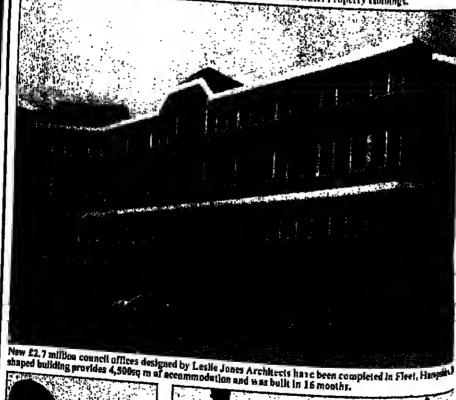


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Benoy's on hospital shortling

A scheme designed by Gordan Benoy & Partners too been chosen fram a shartlist af three by the Sauth West Regional Health Authority for the redovelopment of the Digby scheme will be a fulnt venture between 16 54 Shearwater Property 110 blings. units, a 10-sercen cluema and parking for the level. Think again about the scheme will be a fulnt senture between 1882 Mickey Mouse of a new town



Standing room only

This stand-to chair by Svelo Gusrud and Parcabel seating by Strainting are just two of the designs by Norwegian designers taking part in the exhibition at Early Court from October 19-22. The show have international designers, magnifacturers, retailers and student and international designers, magnifacturers, retailers and student and establish Norway's ideality to the design world, disorbed at acknowledgement as merely Scandinavian. Gosted and Original furniture designer Jane Dilion, Trent Polytechnic interior designer Brian Johnson in the "Bridging the Gap" seminated 21. Details Amanda Clark, 61-373 4537.

Infill



View from the top

DEAR Mr Price. Mystaff at Marsham Street have euggested that now is the time for

you to comment on my steward-ship of the DoE. I've never heard of you myself but you might ae

I'd heard you were rather like hat pop-eyed little architect grandfather — not eo much fun though. Well, I think schizophrenia can be controlled but vatch it. I was delighting in your cceptance of my Non-Plan heory when you go and suggest whole new bunch of developway. However few rulee they ishment is a major planning decision born, I would suggest, of election jittere more than anything else. They won't work. Also you must get your act ogether over the green belt -Willy W will help you if you don't find him too wet. Green more to do with space at ground north of Swiodon - I'd put some more etuff over the tracks if I were you. Beta Minor, I fear.

Flights of fancy

MH, (Oxon).

HA so, my social concern with a fascist facade is proving itself is it ooi? No one could have pulled Merseyside together as well ac I did, sh? I reckee tha Call won't be long coming. Yours io consivance,

Michael, I realise that away from the Centre of Thinks one can get out of touch, but you must know that your grisly garden festival has lost £2m while Stoke-on-Trent looks like picking up a £3m debt. Theso candy-floss gestures can be todly — Cap'n bot seems to be missing another \$2m at Glasgow while the Vancouver Expo

has a massive £156 million debt,

espite its 22 million visitors.

reckon building helicopters that no one wants is cheaper.

Spirit of détente

ER, Cedrie, we're having a bit of trouble with our new embassy in Moscow. Ivan and his Boye want us to move out of our lovely building under pressure from tbeir Georgiao Group, no doubt, ha,ha (a joke, Cedrie). Well we'va been lold to shack up with the Yanks further away. HMG thought you the Ideal person to

Carlton House Terrace.

Geoffrey, I thought you'd neverask. I've got just the thing on the drawing board at this moment. The point is that the Russkies

don't want the ambassador to move — merely his etaff who are the real prey of the international hand-grenade brigade. After all you are at present dead opposite the Kremlin (my joke). Don't bother to build anything, just move your lads in with the Yanks. You share their bugging equipment alresdy. Leave Sir won't notice anyone's left.

College education

AM, of course, fully briefed of your extensive works in higher education and would value your opinion (in triplicate picose) or my brilliant new wheeze, namely the 20 or so CTCs? Ever-actively yours,

"City Technical Colleges" counds a little familiar and surely a bit grand for 11 to 18year-olds. I read that they are to concentrate on technology, business and design. The latter nterests me particularly and hope it does not mean design management, that fachionable opiate wasting down from the London School of Business. Evidence of serious decign intent — however minute (20,000 pupils in all), could be very new - buildings. It eabout time your department renewed ite grand tradition of building. Check with Sir Keith on the condition of your present stock

Good news

 THE srrival as chairman of Alex Reid at the Royal College of Art is the best thing to have happened to Her Majesty's Fashion House for years. Wha a mind-bending contrast with loeksmith Joeelyn.

BRIAN Anson, fartoooften put down, deserves all our congratuisilons for the success-ful aulminstion of his Divis

• KATHARINE Hamnett was one of the judgee for Stophen Gardiner's Observer arehitectursi competition what a lovely, loony, etylish choical I see it had caveral hundred per cent more entries than the pathetic if predictable 33 for the RIBA erush gallery. Also I am encouraged to hear

Bad news flash

AFTER protracted and wholly unsuccessful negotiatione with the Editor on the cole question of money, I am relieved to tell you that my next column will be the last, so ctart writing straight away - space will be short. Oh. ood by the way, the Editor has lifted his ban on shoe-serapers - stronge fellow.

Cedric Price

Guns and money

THE Government is trying to give developers an edge over local authorities in the matter of planning appeals. It is doing this by encouraging the pursuit of costs by aggrieved applicants where permissions appear to have been withheld for no good reason. This is fair enough as far as II goes, but who is to say, other than the lawyers who will make money as usual, what constitutes a good reason? An example of how confused Ihinking can become on this subject is proved by a recent appeal involving Cecil Denny Highion & Partners on an office scheme just south of Tower Bridge. The ease was interesting for more than one reason. Originally a refurbishment project, il became unworknile once VAT had been extended to this form of development. Planning permission was then refused for new-bulld on grounds of nppearance, over-development and because it involved demolition of an

unlisted hullding in a conservation area The scheme was approved without qualification, confirming on appeal lhot there is no presumption against demolition of unlisted buildings in conservation areas. Approval did not come, however, without the holding of a week-long public inquiry (attended by no-one except the parties involved), even though both sides had ogreed to conduct the appeal vio written submissions. As Ray Ceell writes in his practice's house journal: "I enn see a plonning authority justly aggrieved if they were to be foced with lite costs of on inquiry after they had agreed to written submissions".

Not that Ceell disngrees with the idea of pennilsing plonning authorities which arbitrarily refuse consents. But drawing the line is difficult. As the planning ehnirman of Southwark council has pointed out recently, the existence of planning law in this country has meant

The **Editor's** Comment

that, since 1947, there is a presumption that the public has an interest in what is bullt in each area. This is one reason why the eouncilso bitterly opposes everything the London Docklands Development Corporation stands for; financial penalties are seen as a slightly thicker end of that anti-council wedge.

The problem is that too many councils, and Southwark is no exception, hove gone to the other extreme in their obstruction of perfectly reasonable development. Planning permissions should not be a case of people holding guns to others' heads — on either side of the development control fence.

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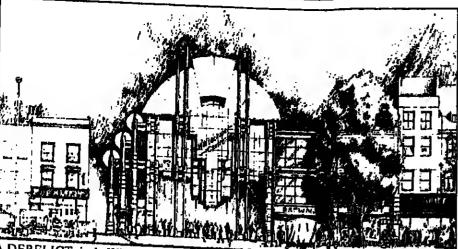
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A DERELICT site in Whiteehapel, one of London's most deprived areas, is at last on the verge of rejuvenation.

Next month the council is due to choose a development scheme from a shortlist of three, ending a long period of uncertainty.
The 6.8 hs site, on the White-

chapel Road opposite London Hospital, was the subject of years of fruitless wrangling bet ween Tower Hamlets council and shopping centre developer Sam Chippindale.

No agreement could be reached and an invitation last year to other developers to produce retail/housing schemes for the site brought a flood of

Twenty bida were whittled down to 12, but the controversy over the site did not die

In choosing a shortlist of three, the council's planning committee raised a storm of protest by rejecting a local nitiative by the Tower Hamlets Environment Trust (THET) on the chairman's deciding vote.

Two weeks later, at a full council meeting, the THET seheme was added to the short-

Ironically, when the detailed proposals were aubmitted in July, the council once again had aite and acquiring far more land Below: the loyout of the CZWG proposals showing the shopping centre (1), housing (2), light industrial workshops (3), parking for 700 cars | 4), recreation ground (5) and underground lines (6).

ship had withdrawn, elaiming the site was not viable. Undoubtedly, the most

grandiose of the three schemes is Chapman Taylor Partners' design for Pengap, Consortium Commercial Developments and Countryside Properties.

Their shopping centre is entered through an language glass and ahining metal facade and houses a feed court below a 25m-high glass dome, 25,000sq m of retail space and the latest spiral escalators from Japan. There will also bea 2,800sq m

leiaure centre containing a snooker hall and two cinemas and parking for more than 300 cars, in addition to 165 houses and flats designed by Feilden &

ahip have come up with an even more ambitious scheme involv-Underground line crossing the of light industrial space.

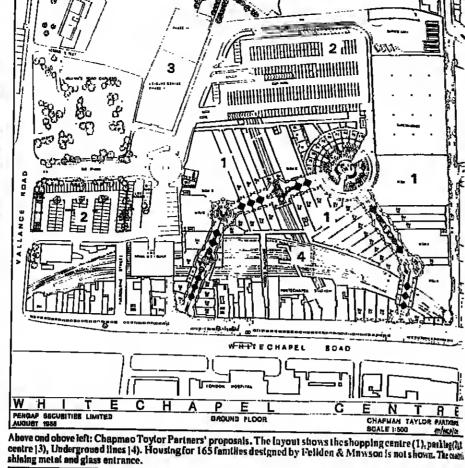
The Carroll Group with architects the Engle Partnerporation, which would provide the anchor tenant with a 7,500sq

m Carrefour superstore, and includes 42 shop units, a leisure centre, parking for 750 cars and a retsil warehouse. For the housing the group has bought in Regalian, which would build 131 new houses and

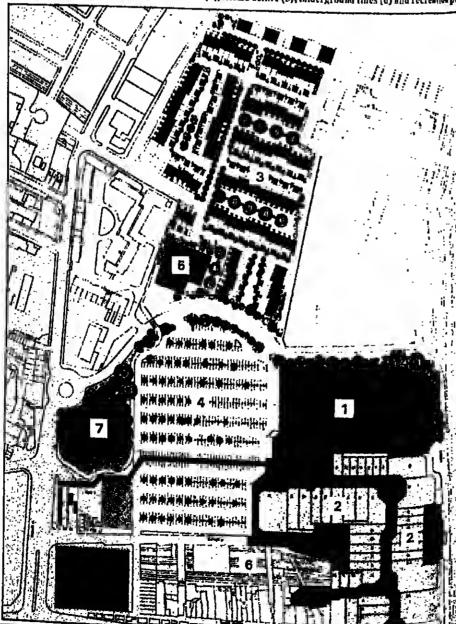
refurbish 300 more. Tower Hamlets Environment Trust teamed up with Inner City Enterprises, the organisation set up by financial institutions to

help develop inner-city areas. Campbell Zogolovitch Wilkinson & Gough designed their scheme with shopping centre specialist Gordon Benoy. Their more modest shopping

centre has a 3,900sq m super-Holder & Mathias Partner- court, and parking for 700 ears. store, 40 shop units and a food It would provide 300 new homes including 71 five-and sixing decking over much of the bedroom houses and 2,500sq m



Above and below: the Holder & Mathies Partnership proposals. The Inyout (below) shows the Carrefour species shop units (2), housing (3), parking for 750 curs (4), leisure centre (5), underground lines (6) and recreation post





Titanium looks set to overtake mere gold

A NEW RIBA architectural award is in prospect — the Titanium Medallion, for a single building by an RIBA member anywhere in the world.

Clearly designed to add to the collections of Norman and Jim, will recall, one James Stirling enlivened his fellow exhibitor's enlivened his fellow exhibitor's the Superman-style medal will be part of the new-look RIBA Thames tank by dropping Awards, it was announced at last week's awards dinner. Marley Roof Tile's sponsorship over three years will lend to the ereation of a trust fund which will finnnce costs incurred in running the scheme (largely

And the timing of the awards is to be changed to get their announcement away from the holiday scason.

Announcing all this, Patrick Hodgkinson, retiring chairman of the award scheme, forgot to mention his final contribution to the year's work. This concerned the dinner arrangements, which he was responsible for. Not content merely to pick the menu, he instructed the caterer's chef in exactly how the food should be prepared ("marinade the venison three weeks") and

● Larry Rolland took a side-swipe at critics at the dinner, announcing that people who accused the institute of drifting were wrong — they just didn't like the direction it was pointed

Theatrical election

THE battle for the RIBA presidency has taken a theatrical turn, if official contender Raymond Andrewais to be believed. In a speech to the Royal Society of Ulstor Architects this week he ompared his fight with Rod Hackney as akin to "Dallas", with mention of J R and Bobby, though it is not entirely clear who is supposed to be playing which part.

Another Andrews comparison is between the management approaches of The Times (off with their heads) and the Telegraph (everything by nego-tiation). I fear I have to remind Ray that the Telegraph could only start negotiating when it had removed the old guard which owned the fading empire which it had been running (down) for years.
Still, the election is boiling up

ricely, with another allogation bid is being undertaken largely to promote his prospects of being UIA president. This give everything added piquancy. Could we envisage a aituation in Luder, has to fight off a rival backed by the membership? Some say this would be poetic ustice, recalting OL'a decision to challenge Sir Andrew Derbyahire (as he then wasn't) all thoae years ago.

Making a splash

Academy goldfish: as readers 1976.

Though they seemed perfectly

happy, there was a threat that they might get emhroiled in the nage system. This explains the bizarre sight of a squad of Academy staff diving into the tank days later to retrieve the offending additional exhibits.

I learned that at a splendid Academy reception hosted by developer Stuart Lipton. Talk is of the future development o Spitalfields, where he has engaged Leon Krier to devise s suitable masterplan. "The battle is between money and architecture," Lipton declares. You see the effect of an honorary

Dart scheme may get spike

NO sooner had the highl acclaimed BBC2 series "Si English Towns" highlighted the delightful town of Totnes in Devon, than the district council proposed a link road and multistorey car park surrounded by a development of back-to-back

houses.
Totnes, a small, distinctive town on the River Dart, has managed to escape development by the Victorians or later

Naturally its 5,627 residents are keen to preserve the town, and are questioning the couneil's integrity in selling off a 1.8ha site for a housing development to cover the cost of the road. The public inquiry may

Scene and neard

BOOKIES' latest; Owen Luder is said to be offering 2 to 1 on that Raymond Andrews will win the RIBA presidential contest; Ray Cecil 3 to I on that it will be Rod Hackney. My advice: place the same bet with both — you can'

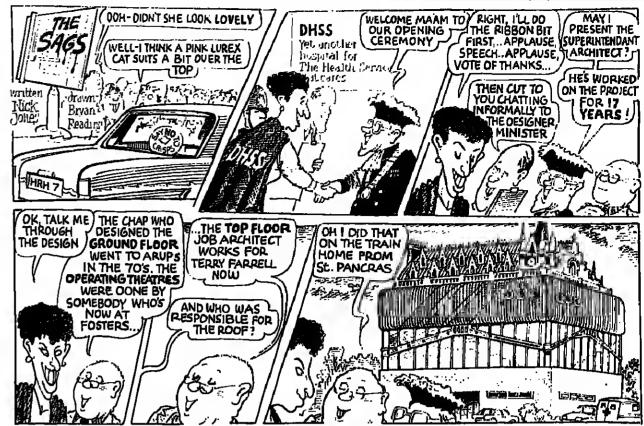
I fear Andrews may have tarnished his image with fellow practitioners at the ACA con-ference. A lacklustre speech Hackney was the right choice.

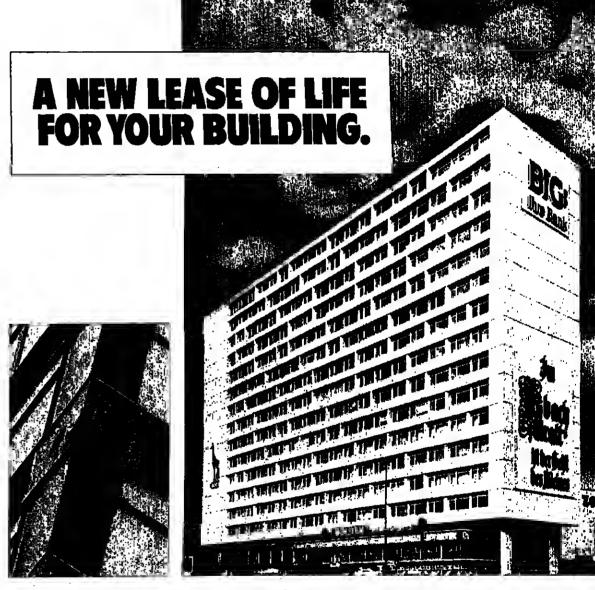
 RICK Mather surely speaks for thousands when he explains why he didn't enter the Portiond Place gallery competition. "I buildingi" he quips.

10 years ago

WELL over half the architec tural practices in the UK have less work now than six months ago, says a survey conducted by RIBA regional chairmen.

MORE on the ease of the Building Design, October 15,





Wind-driven roin, frost, fraezing temp- And gives losting protection to buildings, arolures con oll lead to problams such as leilod mosoic, spolling centrale, wotaringress, and poor insulation.

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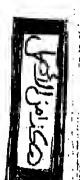
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Who are these buildings for?

exhibits by Foster, Rogers and Stirling (October 10) esn arouse a variety of emotions in a variety of people — some quite pleas-ant, even euphoric. But is this what buildings are for?

Many great architectural spectaculara — Kublai Khan'a ity of Ta-tu, the Taj Mahal, Palace of Versailles, Ludwig II's Wagnerian castles, Vienna's Ringstrasse, and New Delhi, to name but a few of the most famous - have been followed by some disaster, indicating losa contact with reality in the 'elient'' organisation.

Today, there is a widening gap between those who manipulate he international eredit system and those who are either exploited by it or have been made 'redundant". Who benefits | THE planning process will be

Even the value of works of art is fetch in an auction, rather than by their aesthetic qualities and historical significance. Why did the BBC reject the Langham Place project?

The environment committee is now to investigate the PSA's tendency to build the wrongsort of buildings. Shouldn't architecta be more concerned about what is wrong with these buildings, and how to put them right?

Planning on iand values

From Fitzroy Ponniah

UPAT-UPM1 Chemical Mortar

always out of date and irrelevant if the process of politics is not placed in the context of higher values. Your comment |September 26) is right to doubt an institution that lias un faith in its own historic buildings because narrow economic purpose un-derlies the disposal of redundant

The planning process acts as a cover for political reflex. Specuative purposes rule. Land and money are misused in the name of freedom and enterprise. Political resctions follow in the name of public interest, then control via the planning process. which gets out of hand and results in confusion around the notion of necessary intervention. What is missing is meaningful higher values. Here msjority rule, the logic of numbers, is a doubtful guide to The decision of Hertsmere

Borough Council to issue an enforcement order against the Krishna Temple at the Bhak- and sehool eurriculum confutivedanta Manor at Watford to | sion stop followers of the Lord Krishna engaged in devotional service is nn example of the nisuse of the planning process. The apparent charge is thet | more concerned with com-

the holy place attracts too many | nunity needs. In this wny, a | Lloyd's brokers, Nelsont restoration of higher purpose villagers. The decision to issue beenmes possible. A spiritual in enforcement order is eviguideline uplifts polities and dence of a conspicuous absence gives purpose in architects of proper guidelines for the local council. The Bliaktivedanta showing up the planners' thirst fur control as redundant and Manor has been in use as a irrelevant - George McDonic Hindu place of pilgrimnge for is enught in misconception (Octnearly 13 years.

The economic purpose that The spiritual community at the Bhaktivednnin Mnnor is n guides the disposal of redundant churches is born of misconmodel for building communities ceptions. These buildings and rooted in spiritual values — the devotees of Vishon are engaged sites have their origins probably as gifts to the church. As such the in service for the well-heing of all use of the site and the buildings living entities. This is why it is should serve a purpose in unfortunate that misen acepting keeping with the spirit of those should cause an much naneces-19th century gifts. The times have changed. The Folih in the sary distress to the fallowers af Lord Krishnn. City report reminds us of the If higher values guide the plight of the poor. There is the secretary uf state, Nicholas good example of Prince Charles'

concern with community well-

being. The signs of the timea

show up anxiety; economic un-

certainty, indiscriminate con-

sumption and with it drug abuse

Surely these redundant chur-

ches can be used for community

purposes. The State, with its

North Sea revenue, could be

Ridley, then the devotees of Krishna will be freed from the misuse of legislation and control n these confused times. A decision in favour of the Krishna devotees would neknowledge higher values ond necessary discipline. In the context of politics in this degraded age this would be a step in the right direction.

Mischievous headline

ram Charles McKean, secretary oml treosurer. Royal Incorpora-tion of Architects in Scotland THE headline of your article (October 3) on what you admit were secret negotintings hetween the RIAS and the Scottish Development Agency was mis-

The RIAS is indeed discussing with all government and official bodies the conditions under which nrchitects should he appointed since the 1981 relaxations. We consider these nego-tlations to be bi-partisan: that is, in the interests of client and professional nlike. Your article secks to suggest that the RIAS is using the ngeney as n way of getting the Guvernment to change its current palicy.

We are not so nuive. We trust that the discussions have not now been jeopardised by the orticle, and that our friendly relationship with the SDA will continue.

Charles McKonn
Edinburgh

Designer archetypes

From Anthony Forrest
LOOKING at the illustrations of so many recent development proposala, the inevitable conclusion is that much of the profession is suffering from a form of AIDS (Arch Ineffable Designer's Syndrome). Unless some way can be found to build up resistance to this virulent epidemic the product will have to be renamed . . . Archy

Aothony Forrest Co Durham

Indemnity premiums

From Paul Newmon, president, British Institute of Architectural Technicians

HAVING read the letter entitled "Unattainable standards" from John Newlove (October 3) I can see precisely why "the seen, by those who made con ment, as the road for building! problems of professional indemnity insurance seem to be "third tier" of employment the locality and to promote, an industrial ercheologic getting out of hand".

BIAT has recently launched a scheme for all members in ties so badly lacking in the sill practice on their own account (BD September 12). The feedback to date indicates that the acheme — which is through the Somerset

& Marsh - is likely a ngainst those generally a in the open market for nrelatectural profession.

John Newlove's comshow a deplorable appreciand low opinion of the requalified arehitectunie nician, whereas the m writers involved in the ! scheme nhviously regain members as a good risk Newlove suggests prez

should he reduced for prewhere all partners are ? teets, engineers or survey. Our evidence suggests the reverse may, in fact, being apparent that practice r hainace the design and the nical expertise which is: essential to ensure goods. tecture are those more lie reap the benefit of love: minns. There are s po number of architectural p tices which have teches partners or directors to incidentially, where lechon employ architects) their ensuring the essential inc ients of a successful designa

ot n senior level. Newlove should remove; blinkers and realise that problems currentlyaffectiagi professional indemnity of an teets cannot be off-loaded: hlaming others. We, at Bil have put our house in ordat renting n "tnilor-made" it eme for technicians, and know that the RIBA is wnrked hard towards a sind situation for their own our bers. The views of individual such as Newlove will only he

I WAS incensed in readolls

Skelmerschile's remarks at

Lundscape Institute confe

ence in Tony Aldaus' 1992

(September 26). The reports

he "had an concessions to who wanted parks. He argu that What Britain needed was improved environment homes and work places. Uni continental fint-dwellen.

British did not need large parks and such influence B

directed to ensure that gard festivals were not used fort

Such a high-handed appro-

scems inherent and typic

current administrative atti

which prevail at the expense

grass-roots opinion.
Although unable to att

and hear those provous

remarks made at our cons

ence - I was manning

institute slandat Stokethrou

out the period - I can a from first-hand reaction a

the unanimous public stiff

that was expressed by ording people and industrialists, be

local, Brits and visitors If

overseas, that they though

of destroying entirely such a undertaking to turn it backs

industry and housing and it very roots from which it is

Far better to capitalise out

restoration for leisure, touris

and recreation, all of which we

which is steeped in social and

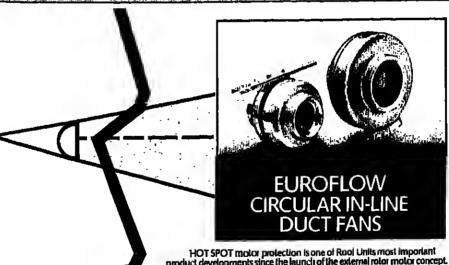
industrial history.

been rescued.

their cause.

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Letters

successful, insofar as the iniums quoted to our men are particularly compensations those general by against those general by Sir Monty's observations are fraudulently holstered by doctoring the quotes to suit. 'fraudulent' Why a retired UKAEA chief metallurgist should be shooting

I AM prepared to offer Sir Monty Finniston £1,000 if he can find the alleged paragraph from the HM1 report quoted in his "Finniston memorandum" and featured in BD October 3 "Students were forthright in their opinion that their future roles would be that of creative acsthetic designers with little nced for a knowledge of technology ... they ... pass through the courses without acquiring

or being required to demonstrate, a knowledge of fundamental principles of building seience, economics and practical construction technology." What the HMI Report activally said is: "At one college where there is an impressive range of courses for the built ronment, the architectural students were forthright in their opinion that their future role

would be that of creative gesthetie designers with little need for technology." Slightly different from Sir Monty's quotel Since there are 27 public sector schools, and only one selvool was referred to in the HMl quote, we ere talking about 3 per cent of polytechnic students. If we include the university schools (eight), the percentage of all architectural students referred to by the HMI at that one college drops to

that refers to students passing through courses without acquiring, or being required to demon strate, knowledge of fundamen-tal principles of building science construction, and economics i taken from a completely different paragraph. Sir Monty's quote is made up of bits from paragraphs 15 and 19 in the report cobbled together. The word ". . . they . . ." in Sir Monty's quote is an invented sertion. Para 19 reads:

. . there was evidence during the survey that an unacceptably high proportion of students pas through the courses without aequiring, or being required to demonstrate, a knowledge of undamental principles of building science, economics, and practical construction technology." What is an unacceptably nigh proportion - 3 per cent again? or perhaps 5 per cent, or

The inspectors are silent on what proportion is involved. Sir Monty's quote omits the word "proportion". Thus Sir Monty's memorandum identifying yet another "problem" in architectural education, and branding all architecture atudents as ignorant of the fundamental principles of practical construction, is bolstered up by misquot-ing an HMI report which

to an architect's opinion on The bit of Sir Monty's quote serap metal? Roger Smith London SW7 Foppish From Fronkito Medhurst IS there a political dimension to architectural style? Abe Hayeem (September 5) argues there

> the totalitarish state. Geoffrey Broadbent's attempted demolition job (September 26) eiting the British empire (Lutyens), the USSR (Palaec of the Soviets) and the USA (Washington) simply reinforces the proposition. Classicism is a form of monumentalism and is used by states to express and assert their pulitical

s and links Neo-elas

But not only by states and not only Classicism. Wherever there has been gross accumulation of capital in whatever age there is also the urge to express the political suthority it represents in its buildings. Monumental buildings are political statements and have always been so, from the pyramids of the Ancient Kingdom to the Hongkong & Shenghai Bank.

his mouth off on architectural

education beats me. After all,

who would pay much attention

It is no surprise that the most successful contemporary accumulators of excess capital, the

pretensions in a technological inonumentality. What is debasing is the elevation of these works to the "avent garde" of

the art and the profession. The question is, why does not social art have a social conscience? In an age when we are vividly aware that two thirds of the world's people are hungry or eruelly deprived or condemned to a very short life, can architects justify the constructions of oppression, whatever the motivation might be?

If the question is fairly faced i msy lead a bemosed and wilful profession out of the maze o style secking recognition in foundation on which a philosophy of the social art of architecture can be built. The evidence for it is there, indeed other groups have moved in where the profession should have made the running: in the sustainable city; the green ovement; the limits to growth; the peace and anti-nuclear

The failure of architecture lies its refusal to try to understand he needs of a demoerntic society. The straws are flying in the wind at each of the four gnore the polities of architec ure is to condemn its practise as a foppish irrelevanec to the main stream of life. Franklin Medhurst

Rights, not privileges

FIONA Gorman seems completely oblivious of the fact that

the areas enterlar only 2 to 8 per banks, have interpreted their she was dealing with a sharneful cent or so of all students. That is, prefensions in a technological example of inequality inhousing example of inequality inhousing forth in her patronising article (Permective October 3)

The architect, Brendar Woods, is apparently "a herofor making the dreams of so many come true", a dream which, in the cuse of the family of four shown in the photograph, is presented as a second-floor onehedroom attic flat complete with sloping ceilings. Has Gorman any concepting of wha life must be like living in such a confined space where the living room must also serve as the parents' bedroom and the family eating area (assuming the son and daughter share the only

bedraam i? The description of the cnnverion is pure estate agents' gobbleydaok. "Each flat is based on an octagonal shape snunds like a considered architectural concept instead of what it really is — a desperate device for squeezing in the smnke obhies and the haths and in so doing slicing arcus off the main

The porthole window to the maisonette kitchen "being u hallmark of Woods' style" is in fact a token hole in the wall providing inadequate light and

The statement that "the four units are cleerly defined" nonsense, as is the description of each of the atanding spaces outside the ground floor units as

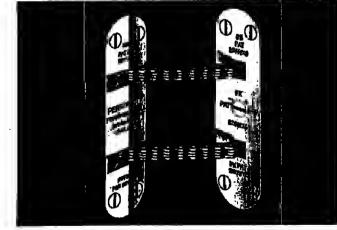
I accept that Woods designed the conversion according to accommodation requirements loid down by the Shrine Housing Co-operative, but if all four of

I recognise that Shrine will have provided a roof over the reads of lamdies whose apporunities for clean and selfcontained living accommodaion niight perhaps otherwise lave been nun-existent, and I do ioi nican in any way to belittle he residents' "pride in what liey (have) helped to achieve" Gorman's celebration of what is essentially a spacially substandard conversion produced in the context of the present Government's retrogressive local authority funding and housing policies which treats cannot afford to buy housing and join the great "property owning democracy.

Decent housing in a democraic society is a right, not a privilege. The "close co-ordina-tion hetween designer and endusers" providing "so much more fun" to Woods assistant, allowing involvement of the residents in the selection of decuration and fittings, is no substitute for the residents' basic right to adequate housing

Perhaps the Park Road con version will meet the immediate (and desperate?) needs of the residents, but for Gorman to imply that these flats represent a "dream come true" for "happy ing attitude that simply increases the gulf between architects and end-users

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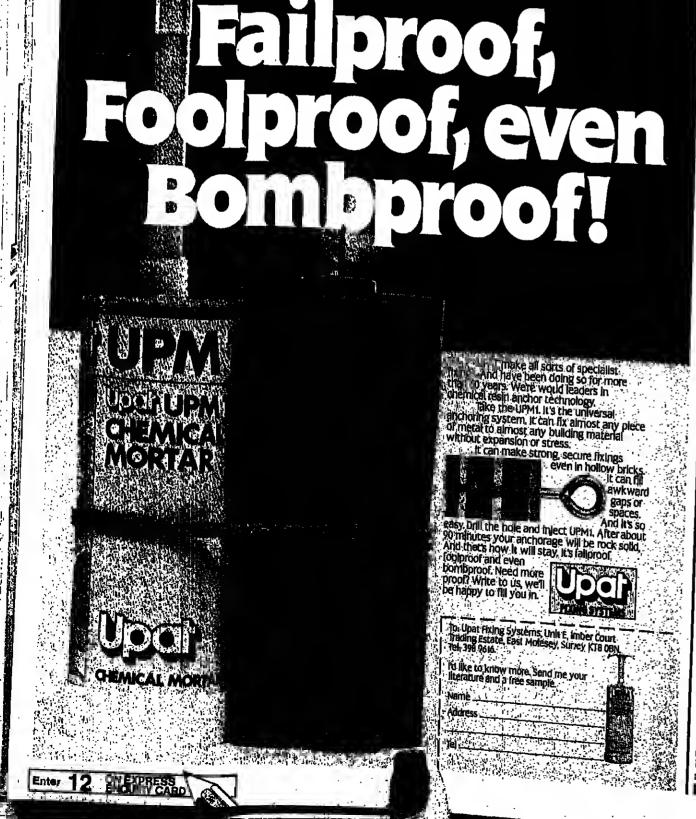
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The teaching of structure

Is technology being properly taught in architecture schools? The Building Economic

Development Committee thinks not. Nor does H Werner Rosenthal, who investigated the teaching

of structure for his RIBA Bossom Research Fellowship in the mid-1950s.

Structural engineers are presented with forms, if not unbuildable — anything ean be made to stand up - but uncomfortable to look at, lacking in harmony and unnecessarily

The fact that modern technology allows anything to be built puls a greater onus on the designer and requires greater sculptural imagination, in other words greater artistic talent, than was ever needed in the post when traditional building methods automatically led to conceptual restraint. The use of small, well-understood elements like briek ond stone allowed even larger buildings like cathedrals to retain a fundament-

ally human scale. Structure is only one aspect of building technology, but it plays

the largest part in the creation of architectural form. From the half timber and beams of a cottage to the glorious fan vaulting of King's College, Cambridge, and the floating roof of Corbusier's chapel at Ronchamp to the sculptural imbecility and structural ignorance which produced the abomination of the Hayward Gallery.

An understanding of atructural beliaviour can be the greatest inspiration to form in calculations and the solution of the design process, running structural problems - begin-

TELEFUSION CONDITION OF THE PROPERTY OF THE PR

concurrently with spatial requirements. So the essence of teaching structure should be "structural behaviour". It is also one of the aspects of architectural education which

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fact that structural engineering, like architecture, requires a Unfortunately, with a few lifetime study and the engineer exceptions it is still taught badly, 30 years after the Oxford Conteacher who is aware of the complexity of his own subject ference. The main reason for finds it difficult to abstract from this seems to be that it is it the aspects needed by the generally taught by engineers who — with a few notable exceparchitect. This leads to the mathematical derivation of tions - rarely understand the formulas etc, which is utterly completely different attitude of boring to most architectural the architect. To the engineer,

As very few architects, if any,

ning with foundations — and ever produce their own calculothe underlying mathematics are tions, this is Inrgely useless an end in themselves, while to information and in any case the architect they are the means inadequate for any but the most to an end. basic of structural require-The problem arises from the

Even here, most architects, myself included, will take the advice of o structural consultant for domestic problems.

Architects should be trained to present the engineering consultant with sensible propositions derived from a comprehensive understanding of structural behavlour.

You often hear from orchitects that although they know nothing of structural theory they have a "feeling" for structure. You may acquire this "feel" for structure in years of experience but one purpose of education is to anticipate experience and enable the student to build on this. An under-standing of the theoretical basis of structure inakes it possible to forecast the beliaviour of individual structural members, in relation to their shape ond to each other.

It is important to realise that most structural behaviour can only be assessed by understanding the theory on which it is based. This will entail some basic mathematics which should not be shirked as they so often are. Mathematical formulas must be seen as a short-hand language to illustrate belinviour. While they can be used to produce calculations and nrrive ot sizes this should not be in their purpose in architectural educu-

As short-hand descriptions every formulo tells n story. It is could be the setting out this atory that mantters. For instance, from the simple beam formula for rectningular beams lt can be deduced that the depth required increoses with the span. Twice the span requires o joist twice as deep. In a domestic situation this can he very wasteful in timber.

Limits

For concrete beams a similar relation exists, aggravated by the substantial increase in self veight. At the same time deflecion inreases with the cube of the span, everything else being equal, which imposes the well-known limits of deflection on long spana, especially when lightly loaded. Deflection, on the other hand, is inversely proportionate to the moment of inertia of a section and the characteristics of this term should be well understood because it has a substantial bearing on the shape of siructural members.

This is usually explained purely mathematical terms, but can be simply demonstrated as the sum of the potential stresses set up in a section under bending multiplied by their distance from the centre of gravity (moments), and its value is entirely dependent on ita

In a reetangle it grows with the cube of the depth and in other sections it is almost proportionate to the aquare of the distance of the individual masses which make up a section from the common centre of gravity, eg the flanges of an RSJ. As deflection is inversely tects should be taught to

proportionate to the moment of inertia, it is the main contributor to the stiffness of members. For Instance, a tubular page 26-27.

truss with its tubes fare. very stiff, which is impour-long spans when the stiffing be achieved without substitute Dear Reader, 18t May 1984 the Museum of increase in weight A

concrete beam on theolog

structures, especially for ones, when all the frage

wind pressure.

deformation.

ends in one of his ceilings.

forces thus become ret-

beyond the well-known T

"Graphie statics", once:

pet subject in teaching

theory of structures, eg

graphic solution of bed

moment diagrams and g

dingroms, are probably

longer taught except perhap

the most backward of im

crs. They have no bearing at

visunlising of structurals

The only exception wi

forces and illustrate cales

classical examples.

An appreciation of cales.

action will assist in the

structurally unsound -# used in a modern design

Roman arches only bold mi substantial buttressing. Item

obvious that no cable eat

stretched out to fall into

These notes are intended

show in a few examples a sound atructural and hos

design decisions can be

only if founded on a see

derstanding of str

In the design process ! spatial requirements att

course the first step, but the

after the structural potential

should inspire form. Stars with a preconceived idea leads.

meaningless form and com

sion, and unnecessary expense

This is not a plea for the buildings, but for an econom

means which has always he

the hallmark of good art. Ital

plea for reverting to true for

tionalism, a term much

understood and misinterpred To the words of Nervi:

Ted Happold on engineering

behaviour.

force diagrams" draws

students

linviuur.

Modern Art completed its latest addition and renovation. Designed by Cesar Pelli, \$17 million of the 389,000sq ft would become heavier in proportion to its depth : largely obviate any gr project was financed by the sale developable "air rights" Generally a Isrge mor-inertia in relation to the these were purchased and uti-lised by the 52-storey Museum Tower condominium built oext produces stiffness in bear, columns. But the concept moment of inertia in relati door on West 53rd Street. Thus was established the precedent of luxury apartments subsidising stiffness can be applied to New York's cultural institutions. This past August and ments can be assumed whe September, two more such projects were announced - one an overall moment of inidtown at Lincoln Centre (to The greater its resulting ; be discussed at a later date); the ness, the better its resistant other downtown (the equivalent of the City) in Battery Park City.

Stiffness can also be obs-Remember. On September 4 by continuity, which remin the New York Holocaust Memreduction of deflection ! orial Commission signed a 99instance the deflection of abe year lease to develop the \$60 fixed both ends is only ones million Muscum of Jewish of that of a freely suppor Heritage. Located on a clear site beam. So stresses can mater at the south-west tip of Battery elastic limit without of Park City, the 165,000sq ft museum is tobe framed on three sides by mid- and high-risc apartments; to the west, it will Backward overlook the Battery Park By orguing on these !esplanade and the Hudson bending moments and & River. Part of the museum's forces become realities se construction and endowment strong bearing on design I costs are to be paid for by the sale notion that shear forest of the condominium's 400 units; usually greatest at the sugar the remainder is to be raised lins been elegantly demothrough donations. James Steoted by Nervi in the flored :: wart Polshek & Partners are

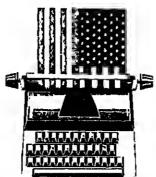
> With one notable exception Polsliek has adhered to the strict design guidelines laid down by the Battery Park City Authority. To the east, the apartments will align with the preordained street grid; their entrance will be on that side, off First Avenue. As stipulated, the apartments' first three storeys are to be elad in stone; above that, cladding will be brick. To take maximum advantage of available light and views, the architects have sited of the condominium tower at the To the right through the massive

architects for both the museum

and the apartments.

broken down to reduce its apparent bulk relative to the museum's three above-grade levels. Each of the tower's exterior elevations has been individually articulated: punched windows on the end grain; flush glazing with brick spandrels on the curved comer; and balconies on the side grain. (The corner curve also resolves an awkward polygon where land and water meet.) Interior apartments will overlook a sculpture garden at the museum's second level setback; an occulus and cross-axial wall penetrating it third-level roof. The architects have continued

the monumental arcade mandated at the apartments' base along the north side of the museum; the museum's entrance will be on this side. Inside a double-height lobby, the entry axis will run perpendicularly into a massive wall - possibly Jerusalem stone recalling the Wailing Wall, its centre routed out to provide alternative routes: to the left, one will be able to go either up a half-level into a windowless, as-yetunplanned space; or up a full level above that to a supplemen-tary permanent exhibition telling the story of Jewish immigration to Israel and America. Aptly, the lorge windows in this space will look out onto Ellis Island and the Statue of Liberty. southern end of the complex; the wall, one will be able to proceed ower's 34-storey mass has been up a half level directly to the



Space intended for personal contemplation and public cere-timenatically from Poland to be errored. As the design development and public cere-timenatically from Poland to be errored. As the design developes, it will be interesting to monies, for remembrance and to Freud and Chagall. In "The Holoraust", a 30-minute film Straight ahead, one would will focus on the Final Solution. "Liberation" will describe the pass through the wall, down a Allies' freeing survivors of the narrowing stair, and into ; cylinder top-lit by the occulus Nazi concentration and death and inscribed with quotations camps. From this last gallery - especially given Polshek from Holocaust survivors. Con- a low, dark square - visitors ditioned by this symbolic pas- will ascend to the memorial: a 60 sage through ancient and mod. It cube, illuminated through ern history (and an architectural panels of translucent marble and panes of transparent glass. by Mies as a 1930 War Memorial journey reminiscent of Ter-Fire regulations permitting, the ragni's Danteum), the visitor Memorial will include a neternal would find himself in the first

Notes from New York

museum's three main themes:

flame. section of the 30,000sq ft permanent core exhibition. This Design associate Richard "prologue" will introduce the Olcott has noted that the Me morial was designed as a cube the life of 19th and early 20th because, on the one hand, the form is "natural" and "without century European Jews; their deaths under the Third Reich; classical overtrines". (It is also, survival, and renewal after with perhaps unconscious ecu-World War II. Special galleries menicity, the form of the will elaborate on these themes. Kaaba.) On the other hand, in n 'The World Before" will use conscious reference to the maps, explanatory text, photos, Jewish tradition of leaving new and original artifacts to elepict houses incomplete usa reminder Jewish civilization ranging of the destruction of the ur, if you will, a metaphorical

"river of life" Likewise, the noiseum's river elevation will not be hard-edged and aligned see according to what "rules" to the city, rather, it will be a Polshek transforms his perfect softer, double-curve flowing Platonic solid; comparisons hencath the condominium might be made, in particular, to Tower and our toward New York the work of Eiseoman and Aida. harhour. It will be equally interesting Major spaces inside the musenni yer to he designed include: a peochant for Mies, to compare hall of learning, temporary the emotional tone of this exhibition galleries and an art Memorial to that of Schinkel's gallery, an auditorium and a 1881, Neue Wache, redesigned reference thrary, office and storage space (the last, proto the German dead of World bably, to be in a second, helow-

War 1. That unexecuted

competition entry one jury

member described as "of an Originally, the Museum o Jewish Heritage was to have empty vastness which death had widened heyond all life exoccupied the redundant US Custom House —a grand Heaux perience." Just as the Holocaust was an Arts medium quite out of aherration in the continuity of keeping with the museum's European civilisation, so the memunal message. Construc-Memorial will be rotated off axis tion of the current design is with both the rest of the museum scheduled to start in spring 1987 and the rest of Brttery Park City: and he completed by spring oriented not to the street grid, it 1989. Never again, will face the river: the Hudson

Sandy Heck

ground level ... below the water

O SURVIVE AN CHITWARD BOUND COURSE, YOU MUST I NIBERE THREE HAYS AND TWO NIGHTS INDEX CANVAS - COME RAIN OX SHINE, A STEETLEY CLAY PLAIN ROOFING TILE, ON THE OTHER HAND, IS EXPECTEU TO WITHSTANU THE RIGOURS OF NATURE FOR CONSIDERABLY LONGER. PROOF THAT WHEN YOU TAKE THE TROUBLE TO MAKE SOMETHING GOOD, IT'LL GO ON

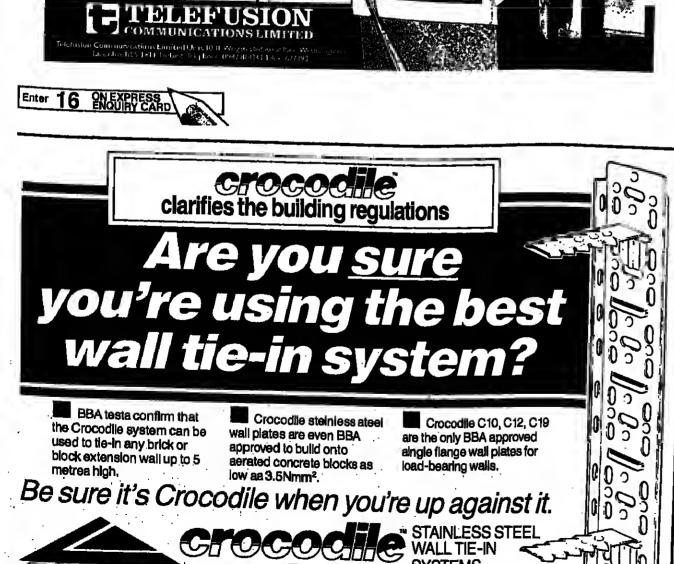
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The Memorial is rotated off axis from the city grid to address the Hud

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The famous breakfast room.

SOANE RANGE

André Beaumont traces the history and describes the appeal of the small but sign Sir John Soane's museum.

IN September 1984, Peter Thornton succeeded Sir fact that Soane's work has something of greater relevance and to defend his treasures. He of the Sir John Soane's Museum. He inherited a small institution but one with a cultural richness way beyond its size and it is this quality which allows a curalor to make of the institution what he will,

During Summerson's 39 years as curator the reputation of the museum rose progressively, gaining through association with his superlative eriticism and from his gentlemanly en-couragement of scholars and

This coincided with nn increase in interest in Soane - an interest that can be attributed not just to fashion but also to the cacept symbolically, of the ham House before the Soane Museum.

It is generally accepted that a broad backdrop of cultural the pharaoh — the museum, richness cannot be created by a established by decree of Parliasingle individual but Sir John Soane, against all odds, has achieved at the museum tlint cultural depth that permits his creation to sitrvive, engaging every observer, through a perspective of time.

To achieve it he has not, of course, relied solely on the repertory of the architect. Some ton, the new curator, has of the artistic questions are achieved this hefore as keeper at addressed in a manner familiar and available to literature. His manner of addressing the distant future or eternity draws on that of the pharaohs.

been refurbished as has used a means of safeguardtrends replaced when ing his treasures unavailable to Worn, the Piranesi ! moved to behind shute picture room to prom from sunlight and the ment. The trensures can both interuct with posterity and be moved from the library Soune's intended free from plunder.

In this house for architects, fixedly set to address a continvistas in the law-level Thornton's appoint uum of time, there is still scope the Soane Museum for museum curatorship to best display and render the ensemble with an increase in the ment's funding of the understandahle. Peter Thornfrom an insubstantial per minum, from which thing including salarisi Osterley Park, Truined as an be paid, to the present engineer, he was head of the furniture department at the per annum, which has Victorin & Albert Museum and little leewny foressential the structure. Neverthe keeper of both Ostericy and Ham House before coming to Axminster carpet int Part of the appeal and depth

of improvements is, of new of the museum is that it is essentially a domestic home. Its mensured. domesticity is intrinsic to its More significantly, they drawing office, a present top-lit room, where Some character as a museum and its role ns nn architectural masterpiece. It is alive and requires assistants would do their tectural drawings with; tacular vistas of the house people to interact with it. The first clininges Thornton has made at the museum all reinforce its domestic quality. A few months after assuming numerous items, ta resign limise", is being dead

ion innst rengin as Soane B

when he died or, possibly,

the curatorship, Thornton expressed great interest in restor- office. ing the breakfast room and dining room in No 12 - the At the same time, anexis Soanes' first house in Lincoln's room is being created in it Inn Fields next door to the main lind heen the Soanes' beds museum huilding at No 13 with its finmous brenkfast parlour on the second floor. The accommodate the architela to demonstrate more of the models moved from the sp domestic nature of the home drawing office and elsewher the house to where they my

These rooms are not normally court may also in him necessible to the visitor but the brenkfast room has an niry trellis-puttern ceiling in poor ondition, reminiscent of a cumitor has sounded outroom at Soane's country house, Pitzhunger Mnnor, Italing.
Restomtion of these rooms, for devices, the collection and opening to visitors, has lind to wait until a way has been found stoud. This in a museum at the office of the offi to provide access to them, hit the urrangement of the col domestie improvements to the fabric of No 13 lurve gone shead. The inhabited earetaker's rooms above the curator's office have during his lifetime.

would cost £17,000, soldflew from the disting room through to the library Another function of the nuseum is clearly as a resource or scholarship. Only 300 people ance into a museum, where all museum is clearly as a resource for scholarship. Only 300 people a year at present use the 8,000-strong Adam drawings collect-ion. Soane acquired the drawings in 1833 and he must have considered Adam an earlier kindred spirit, an innovator working within, but extending the borders of, the classical idiom. Soane added to his museum a cultural variety and another kind of architectural

1.1

immediacy that in itself it did not The Adam drawings are always so striking in the manner in which they represent so closely, in two-dimensional form, the three-dimensional reality of the Adam's buildings. There is none of the inter-nediation of drawing conventions between drawings and reality found in modern archirepainted and a monum tectural drawings. The rapport is also more direct than that found in their contemporaries' drawings. This rapport was helped by Robert Adam's increasingly linear style in his later years but equally it is found in his drawings of non-linear

spaces, such as sections through circular staircases. Of all Soane's acquisitions for his museum, that of the Adam

the objects were in a perspective fashioned by himself and all angled towards posterity, of objects of a collective stature ently of any frame of his own making. In purchasing them, he provided a second future pur-pose for the existence of his

Peter Thornton enjoys the euratorship immensely. With his evident enthusiasm and measured judgment it is un-likely that the post could lie fallow. For the first ninemonths he worked at the museum full-time but as the post is a part-time one he took up the offer of a oneyear research fellowship at St John's College, Oxford which he describes as being "without strings" like teaching duties. He has evidently enjoyed this work while at the same time preparing a book on the interior decoration aspects of the Italian

The Soane Museum is coming a more clearly understood ensemble, interacting, as always intended, with the spectator of today, while remnining a reference point in Soane's long perspectives of time.



Detail of the firepince in the library.





a part of the future

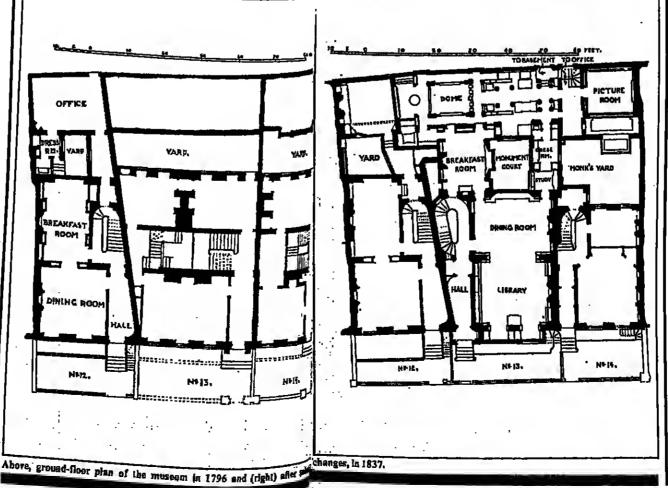
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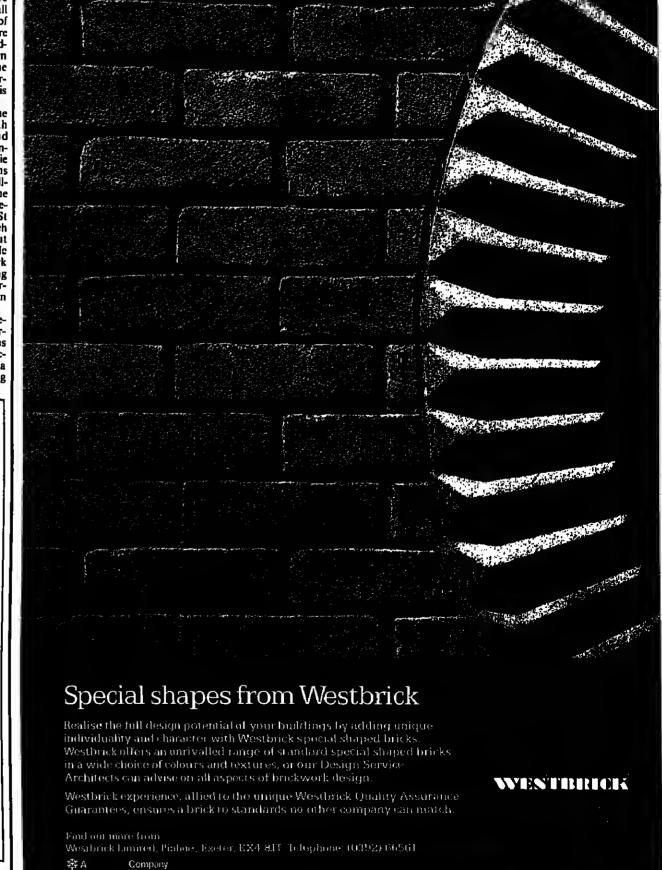
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DURING the second week in September, the Batthaus in Dessau re-experienced the cusmopolitan days of the early 1930s. Participants from 16 countries contributed to the eighth Bartlett International Summer School on the production of the built environment.

The annual schoot, which started at the Bartlett in 1979, began meeting overseas in Geneva in 1983 and has since met in Venice and Lyons. At this first meeting in a socialist country, the opportunity was taken to compare and contrast building production in capitalist and socialist systems.

The Bauhaus itself is on the way to being returned to Gropius' original design. The Dessau ouilding was closed by the Nazis in 1932 and the premises were used as a leadership school. After the bombing of the Second World War, Dessau was left without school buildings so the Bauhans studios were partitioned to make class rooms for local children. Many of the glazed walls were bricked up and the building bore little resemblance to its sentinal importance

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BARTLETT AT THE BAUHAUS

Tha Bartlatt Intarnational Summar School was held at the home of tha Bauhaus. Marion Waatherhaad of South Bank Poly survayad the scena,

in modern architecture.

Restoration during the 1970s began to reveal the former glory. More recent work has brought the bedroom studios back into use. Great care and attention has been taken to replace fixtures and fittings with copies of the missing originals often working from photographs so familiar to architectural students the world over. Investigations have included searching on floors and ceilings for evidence of fixing holes. The building is now decorated in the ubiquitous

white of Modernism but the architects of the "Bauakademie der DDR" are chipping away at the layers of paint to rediscover the original shndes of grey and red for which the Bauhaus was so well known. In time they will be copied to redecorate the The first sessions of the school

reflected upon the heritages of functionalism, an appropriate subject for the location. A plenary paper by East German architect Christian Scadlich

text and looked at the future possibilities for the scientific analysis of socio-environmental problems. The early idealistic approaches of functionalism are favoured in the GDR and it still has a place in a society which focuses its production of the built environment on planned social renewal and community

Jörn Janssen from Dortmund followed the changes of funclooked at functionalism from a tionalism under capitalism as

VELUX

Roof Windows

in the CIAM meetings and reflected in the Athens Charter.

cial pressures as he developed the "existence minimum" standards to radically reduce the size of the homes built in the city of Frankfurt as finance dried up ollowing the Wall Street colalism extended beyond Germany to the Chicago School, where a very physical approach to the explanation of urbanismtion was shown to restrict the study of the development process and hence the understand-

ing of the city.

Papers by Graham Ive of the Bartlett in London and by Bernd

Nevertheless the ship is a still by predominate as 2 Grönwnld, vice president of the Building Academy of the GDR, summariaed the latest developments in building production.
While many of the following workshop papers reflected the abound as blocks curve we experiences of the participants in their very different home countries, the must striking were interest and colour. Co. those given by the hasts at the BISS.

Visits were made to Hulle, Haar lints so that the dist Gern and the first home of the Batthaus at Weimur, and u journey around Dessau gave participants a view of the work of the Dessau Bauhaus inhabitants of the 1920s and 30s. This

socialist point of view. He considered the historical conunemployment in the German construction industry. He was able to show this as a ninterial basis for the development of the functionalist town as proposed

> Papers in the workshops showed Ernst May as a man bending to political and finanapse. The smaller homes required less rent per unit, a necessity when the working classes were carning less and less. The debnte on function-

> > cvitubly predominate as a industry strives to meet f courtyards and tiling, rediing, porches and balconist protrude at street coment

> > > The design workshops to regularly at the Bauhan



luted the town centres.
In Gern and Hallemuchal

journey, which revealed may of unban space in the city and it well-known building in the would seem that time will see the state of repair and storage new approaches improving lacked life, acted as a felight towns like Dessau itself.

Between coach trips, back at and Germany Corn.

the Dessau Bauhaus, the work-Building production is a shap papers included reviews of GDR is entirely band, state involvement not only in concrete slab systems follows housing provision, but also in decisions taken inthe 1938r office accommodation. Con-60s that traditional methods flicts referred to included the construction were too stan policy of privatisation of new enable the housing needed towns being countered by interbuilt by the over-stretched towns being countered by interbuilt by the outskirts of corporations. The pressure now homes have now depr

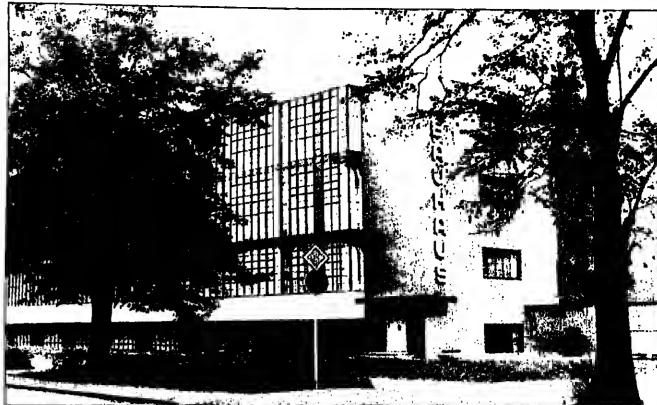
The proceedings will be available from the BISS Office, Bartlett

exerted by the UK government on city institutions, which has resulted in the Big Bang, was highlighted as an intervention that lias given strong support to office development. Rehabilitation as n reflection

of the heritage of functionalism was also considered. A case study of Rotterdam focused on the tenant participation in rehabilitation and included a debate on building costs, rent levels and tenant income.

Final day summaries revealed widened understanding of the processes at work in shaping both past and future built environments. The school had questioned traditional views of functionalism and the accepted philosophies presented for its development into a minimal approach to design. The enormous efforts being made in the GDR to produce human scale design with large scale compon-ents had highlighted a diver-gence of approach from that currently favoured by the rehab

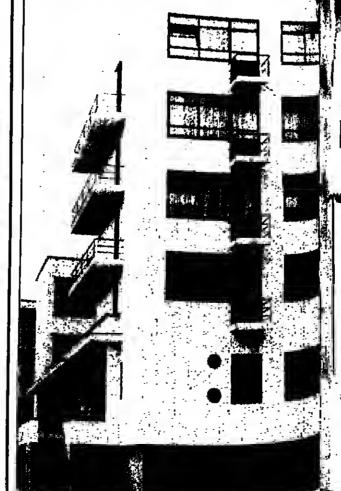
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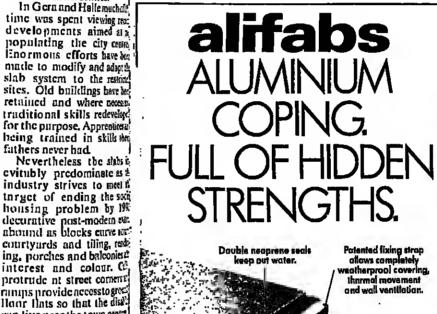
The workshop wing at the Bauhau

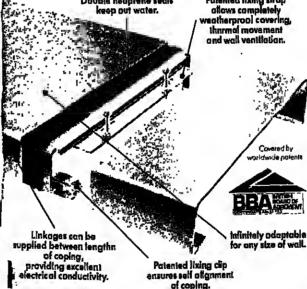






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ASSET

Robertson's? In the search for a quality specification prices cannot be lowered unless standards are.

Which roof is

That's why a conventional roof costs a conventional price and a roof built with Robertson Trisomet costs a

bit more. But you get a lot extra. Robertson Trisomet is the only composite cladding that carries the unique double-sided Robertson protection - a five layer shield.

This superb protection system is applied not only to the weather side but also to the inside of the metal sheet - eliminating the effects of interstitial condensation and corresion from within at side and end

With Robertson Trisomet composite panels it's possible to install the roof foam insulating core and ceiling in a single piece — yet even with the savings in labour costs compared with a conventional three-stage roof has a proportionally

That's because more of the value goes into the roof and less in man

In other words, a Robertson root an asset. Anything less is a jability

THE BYWORD IN BUILDING

Enter 21 CN EXPRESS

Enter 22 ON EXPRESS ENQUIRY CARD

MEDIA AND THE MESSAGE

Thom Gorst exemines architectural exploitation in advertising.

WHICH researcher in a century or two's time would ever think that the tower block had largely been discredited in the late 20th

Certainly on the evidence of the Sunday supplement advertisements, the office tower is one of the most attractive architectural images. Of all building types evoked, the skyscraper is equalled only by the stately home with "a touch of class". The explanation for this comes from the

products that are advertised in the glossies, and the readership they are aimed at. By far the most prestigious odverts are for cars, and pretty up-market models they are. It is natural to show them off nlongside an office tower or n large country house.

Yet eigarcties, which come second in the league of urchitectural advertisers, also exploit the same towering building type, though in a more

glamorous way. Towers therefore either connote status — "you could be a top executive operating from this building if you drove one of our ears" down in the streets is where it's

Only rarely do advertisers exploit buildings in a way that isn't intended to make an association in the reader's mind. As part of the trend o promoting eigarettes using surrealist images that make no reference at all to smoking, Rothmans introduced a stunning series of fantasy buildings.
Pretty Polly have also made very creative comparisons between their lacewear and Venetian

Sadly, though, it's status that the buildings are suggesting most of the time. And if it's not n palace that the Sunday readership aspires to, then it's the



Clean geometry: Two adverts promoting Milton Keynes are unashamed of MK's commercial architecture — strictly scale-less, repetitive, and trying ard to be devoid of any human reference, least of all a door or a window, On one it's black holes in a pale eream framework. Clive Thornton, the ormer Abbey National general manager who is proudly pictured in front, ould well be lying on some super-scale trivet in a microwave oven.

The Alexon ad shows an equally scale-less mirrorglass wall. Only the sameless woman gives it a reference, and she may just be there to hide the Architecture is the key to this advertising enmpaign, and the architectural contrast that hits the visitor to Milton Keynes is exploited fully:

On one hand the sanitised, extruded, foccless commerci uggest the cool efficiency of what goes on inside

On the other hand there is nature. It is reflected in the mirrorgiass and, probably just out of camera shot, there are those neurotically individualised uses and community centres that are supposed to give the place some

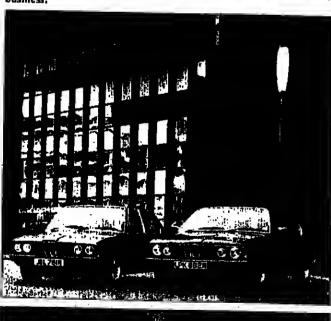


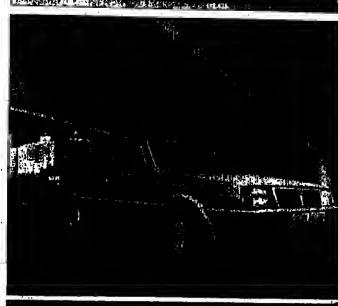


Top executive city: This is the province of the motor car, and it is strictly male. The predominant colours in these adverts are the dull browns and possibly pasty blues that one associates with menswear depart large stores. The cars are large and powerful and their size suggests status and the ability to get out of town quickly and away to the country

formally, but through association. The two BMWs parked outside the office ballding ore, it is clearly suggested, chauffeur-driven limousines walting for thair extremely important payloads.

The retouched photo of a Lancia speeding beneath a bridge is saying something a little different. The car is not so sedate as the BMW, but it is a bit more sporty, and the owner enjoys driving it himself. The buildings in the background, which are incidentally an exceptionally lifeless group on the South Bank, are not so much offices that the car owner works in, but the sori of buildings that the executive passes on his daily





NYONE WHO TELLS YOU TO USE SINGLE FINISH ON ALL YOUR WOOL IS TALKING ROT.

Even though we're Europe's leading specialist in wood protection. we won't pretend that any single one of our stains will provide complete protection for all your wood, all year round.

And we wouldn't suggest that a porous softwood should be treated in the same way as a dense hardwood. Or that fencing should have the same coating as window frame.

Why not? Simply because our unrivalled international experience bring us to one inescapable conclusion.

That trusting in one or two products to protect wood in all its forms, as some manufacturers do, involves faith rather than technology. Which is will Sikkens have developed a comprehensive and unique system.

The Cetol System consists of four high performance woodstains, each with very different characteristics, which can be used individually or in a wide rand of combinations. In this way it is possible to provide precisely the right protection for every wood, every situation and every component.

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And microporosity allows the wood to breathe, at the same time venting rain from seeping into the grain.

Each one of these finishes is exceptional in its own right. Used as a system they provide the maximum protection which the latest technology can offer.

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The funtastic city: Rothman's legendary series was possibly the most architectural ever. Not even a subtlereference to the product is featured in the artwork. Two utterly funtastic space module-like buildings are shown side by

side, not only to suit the advert's borizontal format, but also because a pair of buildings so close and so unconnected, and yet so identical,

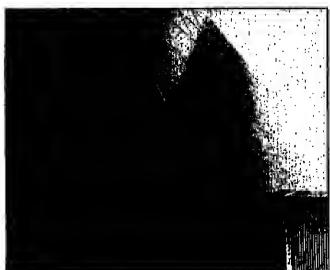
pair of buildings so close and so unconnected, and yet so identical, would never happen in reality. It may be a pair of preying creatures. It may be a fleet of spaceships landing. The intention is that you shouldn't know, but just buy the elgarettes.

But what about the nine Guggenheims all clustered around a glant-scale staticase? — perhaps you can't see the three tiny lightes in tab coats on the top step, and the paim trees, and the microscopic Egyptiansiylo entrance at the bottom of the largest Guggenheim. It is an extremely eloquent mixture of history book motifs.

John Player's also tries to self eigarettes by associating them with hizerec orchitecture. In one a distant packet is seen through an arched

bizarre orchijecture. In one a distant packet is seen through an arched opening that is erumbling apart. In another a packet of Superkings is dispinyed alongside a gloss prism-building. One of the glazing panels has been smashed, and inside there is nothing but prison bars. Try

Digital computers have also recently run a series of odveris using bare, dreamy interiors where even perspective doesn't follow curthi



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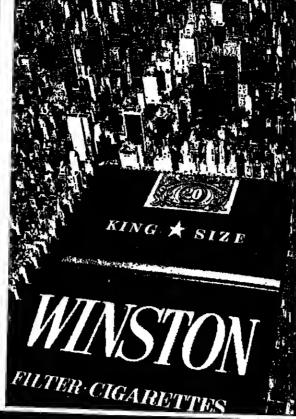
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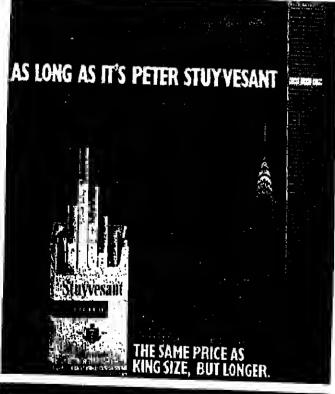


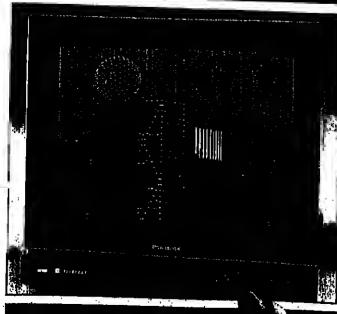
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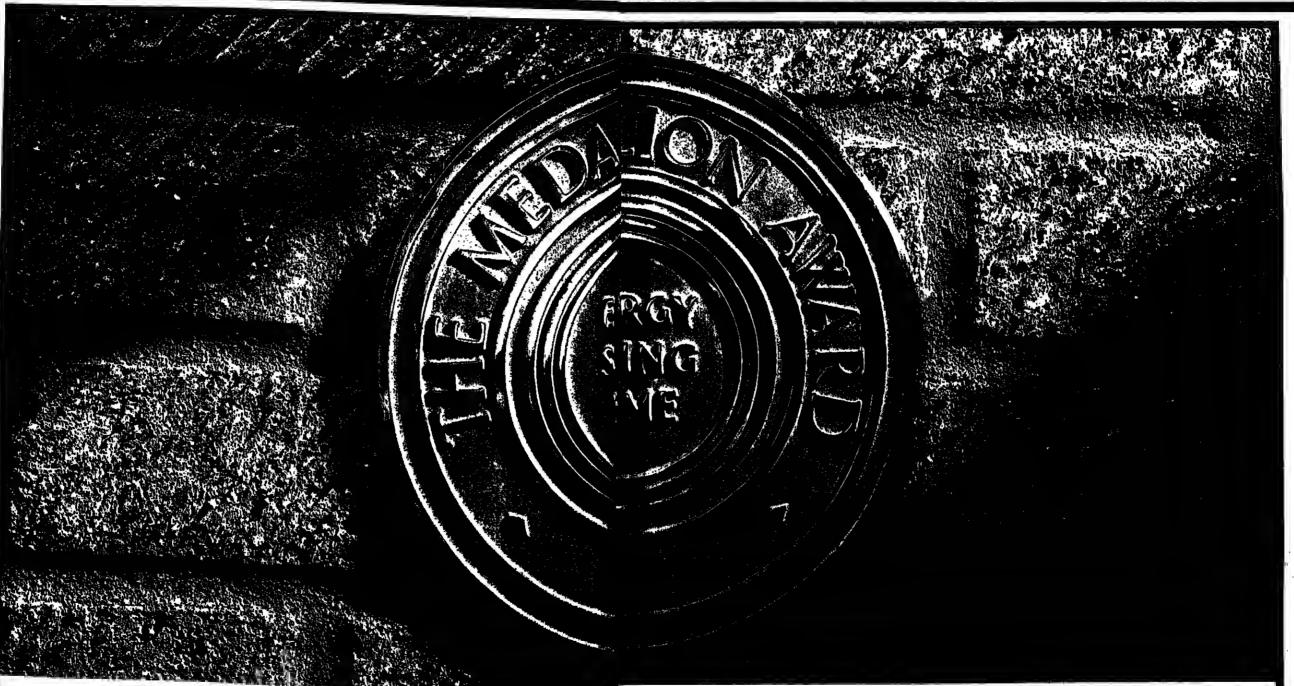
Richard Carr on the controvarsial new Scottish Exhibition & Conference Centre in Glasgow.

Media and the message

The glamorous city: The city of towers is not just the workplace of extremely sombre executives; it is also highly glamorous. All of these adverts exploit the myth that there is a buzzing life among the office blocks. In the advert showing a woman's face next to some skyscrapers it all just a bit too crude. The buildings look like rough models, and they are seen across a lake of water. The perspective is wrong. But the buildings don't have to work too hard to suggest the supposed glamour of the States, for the product is called "Manhattan". And what is a Manbattan? — a two-speed, dual-voltage hair dryer! As for the Panasonic television, it carried a slogan that clearly bore some reference to the buildings on the screen. It may well also be one for us to take to heart — "The Squarer, the Bettor".







Who says you can't please of the people all of the time?

We're well aware that economy is just as important to you as it is to your customers.

just as they want to know the heating and water heating system in the home they're buying will be economical to run, you want to know it'll be economical to install.

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THE design of the Scottish Exhibition & Conference which includes the centre itself, roads and parking for 3,500 Centre on the north bank of the Clyde in Glasgow has been picked out for special

report. Comparing the centre with the proposed scheme for the St Enoch's Centre in Glasgow, which the commission describes as bringing something modern and well-considered into the heart of the city, the report says:

criticism in the Royal Fine Art Commission's latest

"The same eannot be said of the Scottish Exhibition Centre. Undistinguished buildings in an industrial estate are one thing, lost opportunities in prominent positions are another matter. Aside from the amenity aspect, which is our principal interest, we are concerned that in the long run Scotland may acquire second-rate image in the eyes of overseas visitors and investors."

And, as if to damn the building still further, the report included a photograph of the centre, with the comment: "In spite of the title of the development, the most impressive structure in the area is still the

Stobcross Crone."
The Scottlsh Exhibition & Conference Centre is a complex of five, interlinked halls and a seminar suite grouped around a central concourse with administration, bunking and retail facilitles. It occuples 26 hectares on what was previously the Queen's Dock in Glasgow, which was gifted to the centre by Hasgow District Council and the demolished St Enoch's Hotel. The Infill was dynamic-

Describing this phase of the project, the architects, James Parr & Partners, say their aim has been "to ensure quality of visitor experience by providing comfortable and efficient pedestrian links between exterior spaces and the buildings, as well as creating distinct and attractive approaches to the buildings for both pedestrians and motorists from the point of site entry and in progress

tended, in the words of the architects, "to provide an appropriate setting for the centre by extending and expressing the seale of the buildings and the river in the form of using the landscape structure to link the centre with significant existing features".

This is partly done by planting an avenue of deciduous trees to link the moin pedestrian ap-proach from Finnieston in the east to the main entrance to the centre in the west (which is done via an elevated footbridge), and to link the centre visually with the Old Customs House and the Clydeside walkway. The trees will also sereen the major car park, in addition, there is a in a north-south direction (thus at right-angles to the moin avenue) "to provide shelter and Improve the micro-climate surrounding the building and its main approaci

The second phase of the continued page 24



Enter 24 ON EXPRESS

Squandered opportunity

project was the building itself, whose five steel-framed halla are arranged in two groups parallel to the river in an eastwest orientation on either side of the glazed concourse aircady mentioned. The shape of the complex springs, the architects say. "from a need to ovoid flatroof construction combined with the decision not to expose the main structure both for economical and practical maintenance reasons'

The roof has e lantern form ridge "to ovold untidy roof penetration and provide the inrge arees with air grilles", while Hall 4 "is lessened in mass from the outside by having sloping sides of the same angle as the perimeter roof detoil. In this way, the huge mass of this element is simply integrated

finc-tuned from the original basic trusses to provide a clean, strong form".

'Ancilliary accommodation adjoining Hulls 4 and 5," the architects continue, "use the same vocabulary of sloping roof form, ridge ventilators and bright wall cladding to forge the elements into an integral whole." The composition is also helped by giving the roof of the concourse a similar, angular form to that of the roof over the rest of the building. In addition, a 2m-high band

of glezing separates the red metal cladding of the complex from its silver, metal roof. except in the case of Hall I, "and thua helps to lighten the considernblc mass of this element by 'floating' it clear of the walls". The colours chosen are also important - ailver, because it is energy efficient in solar terma, roof itself has been refined and will not strin to the same degree

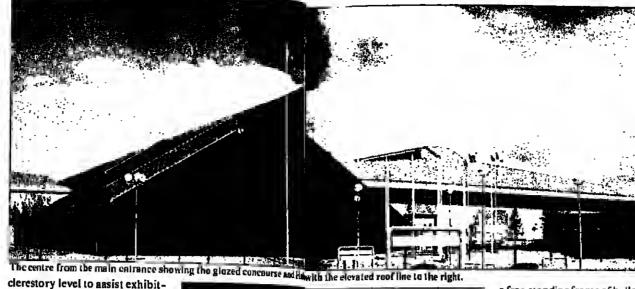


as some other colours "and will teets are ectually describing is help reduce the considerable mass of the building as viewed by pedestrians and visitors to the centre", and red "in order to provide vitality and interest throughout the year in this otherwise grey dockland set-

But, despite all these brave, reasoning words and comfort-

nothing more nor less than a very big shed.

Inside, the architects say, "the halls themselves follow the eatablished formula for enclosures, efficiently aerviced by under-floor trenches at 10m centres" which carry water and waate pipes, mains electricity and telephone cables, "with a ing sentiments, what the orchi-



clerestory level to assist exhibitors during the set-up period." All the concrete floors have a latexphalt covering and a pointloading capacity of 10 tonnes. except in the concourse where the point-loading is limited to 5

"The brief calls," the architects continue, "for column-free spaces in all halls, except Hall 2, to allow for multi-purpose fun-ctions . . . which has been achieved in the most economical way by a series of lattice trasses which span 52.5m in the case of Halls I and 3, and 82.5 m in Hnlls 4 and 5." The air-handling equipment is lioused within the trusswork to minimise duct-

Flexibility within the centre is nchieved by placing Halla 1, 2 and 3 on one side of the concourae, and Hells 4 and 5 on the other. Holl I is the principol conference auditorium, offering excellent facilities for lighting control, audio-visual presentationa and simultaneous translotion, being fully nirconditioned, carpeted and blacked out. A combination of linked seeting and retractable seating provides for up to 2,000 people in front of n demountable atage and, nithough excellent visually and occustically, so that the half can be used for concerts, it has to be said that its auditorium is extremely wide and does not crente a sense of ntimacy. Altogether, there is 15,750sq m of space.

Hall 2, Immediately adjacent, ean be used en aulte for cotering. or as n separate exhibition aren providing 755sq m of space.
Alternatively, it can be combined with Hall 3. This has a height of 8m and, with 2,315sq m of space, and is described as "a perfect medium-sized exhibi-

On the other aide of the concourse, Hall4, with 10,065sq m of space and an elevated section in the roof providing for exhibits that are 20m high (or room for a circus Big Top), is the largest in the centre and can seat up to 10,000 people. As with Halls 2 and 3, Hall 4 can also be combined — this time with Hall 5, which provides 4,105sq m of

All the halls are served by 11 larga access doors around the perimeter of the building, and bave their own toilets, while 4 and 3 are served by restaurant and a fast-food bar, and have exhibitors' offices and lounges. On the first floor, above Hall 2, is a bar, restaurant, lounge and further offices, and also on this floor, at one end of the concourse, the seminar suite. This can be used as a single space seating up to 250 people, or as three separate areas. The administration offices, also on the first floor, are at the other end of the cone ourse, ie at the main entrance to the

The coocourae itself, laid out like a covered boulevard, acts as the focal point to the complex and contains visitors' services -bank, car hire, travel agency and the little Clydesdale Bank, section circular steel which supports a 12mm-thick skin of clear glazing for its vertical walls and sloping ronf. Given the very utilitarian nature of much of the rest of the centre, the henk stands out like o precious jewel. There is no doubt that, in

terms of on exhibition centre. the complex has much to offer with its 19,000sq m of flexible apace — increased by a further 2,000sq m if the piazza outside is used - high roofs, unobstruc ted interior and multiplicity of services and accommodation. I ia, the architects say, the result of three years' careful research during which visits were made to design teams and operators o similar centres throughout Europe, when many alternatives were examined and rejected because of operational weakness or cost limitations. The final design, the architecta claim, "providea Scotland with an xhibition centre which can atand proudly with other contemporary international examples". Nevertheless, three questiona remain to be asked about the Scottiah Exhibition & Conference Centre. First, why did it have to be

built in such a hurry? The excuse for building a slied (and it is interesting to note that sheds are always a prominent architectural feature of depressions cinemas and dance halla in the 1930s, exhibition centres, aupermorkets and megastores in the 1980s) is that it had to meet a deodline imposed by last year's Scottlsh Motor Show. Thus, said Professor Alexander Youngson, chairmen of the Royal Fine Art Commission, the commission's objections to the design were ignored on the make detailed alterotiona to the plana because of the timescale of the project.

Secondly, what excuse was there for building it to such minimal visual requirementa when most of the building was peld for by public money? Phase one, the site, included gifted land and cost £12m - £3in cach from Glasgow District Council and Strathclyde Regionel Coun-cil, and £6m from the Scottish Development Agency (SDA) and phase two, the construct sixth from the two local author ities, one-third from the SDA The project elao received an £11.5m gront from the Euro penn Regional Developmen Fund. Surely the taxpnyer — the main source of the money deserves better than this?

And thirdly, why is Scotland now so bad at developing it major river frontages? As the Royal Fine Art Commis report says, the Scottish Exhlbitlon & Conference Centre represents a falled opportunity and, in Youngson's words, "Is architecturally inferior to simi-lar projects in Denmark and Germany". Yet the site ia magnificent. And the lost opportunity is now likely to be



compounded by the building of a £15m hotel next to the centre which has just been given the goease about its stark, slah-like design. The initial design hy Cobbau & Lironi was described by the Glasgow District Cnuncil planning department us "a hlnnd, uninspired slob block

revised versinn has been given a strong, vertical emphasis to muke it visually ninre accept-

In the cese of the centre, the

trouble seems to be that the people with money - mainly councillors and hureaucruts either do unt care or have such limited visual expectations that which did nothing to enhance
the Glasgnw skyline" and the
the architects put up to then.

And in the case of the hotel,

there is evidence that those ultimately responsible for approving the design are unhappy about its quality but lack the political will to tell the architects and the financiers to go hack to the drawing honrd, probably has already fallen through.

Nevertheless, the mess they hove made with the Queen's

one of the most magnificent river sites of any city in Europe. But that is another story. . .

Architects James Parr & Pariners landscape architects fun White Associates; quantity surveyors Forn-er & Townsend; civil & structural engineers Thorburn Associates; main contractor flovis Construction (Scot-

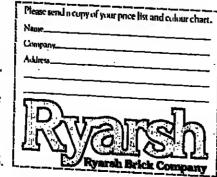
NEW RENDER

TECHNOLOGY



Texture is something we take for granted and yet it can affect appearance as much as colour. The same material, smooth, broken, polished or split, can

look entirely different. Good quality facing bricks depend as much on texture for their attraction as on colour. Ryarsh have developed a unique range of facings with deep rande





Hat 4. This shot, in particular, accommodatioo bureau

designed by James Parr & Partners, which is like a rather special glass box. The box contains a manager's office and clerical banking area, housed in

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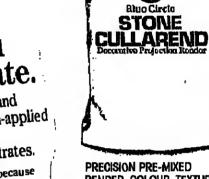
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For colour samples and data sheets,

Professions

ENGINEERING A CHANGE

Ted Happold became president of the Institution of Structural Engineers earlier this month. His inaugural address, which appears in part hare, was a rallying cry to his profession. (Photos: Geoff Beeckman)

The line-up of speakers was immensely impressive, including David Hockney, Sir Hugh Casson, James Stirling, Norman Foster, Peter Reyner Britham and Pat Nuttgens. The presentations were ex-

tremely polished as hefitted such a talented group. They articu-luted a certain view of what it and their expectations changed serves. Yet these presentations but there are also some extra had absolutely nothing to do dintensions to the situation. with that form of design which is There is an awareness of technecessary to provide enough nical failures in the pest; there antisfactory work for people in this country — nothing to do with producing useful objects. It are intmense refurbishment programmes; there is major mportation of better designed was about packaging, not the or made foreign components product; style, not function; art and equipment into Britain with eltool, not engineering. resulting unemployment; there are fashion chenges; there is just a growing realisation that the

These speakers represented the view that design involves coordinating the work of others mainly to visual eriteria --- so it will sell well. Yet lurking at the back of their minds was an uncertainty about whether Britain values "design"

MOST of the members of this

institution are engaged in design. But what the term

"design" means to most

people in this country is

Last June I went to the Aspen

Design Conference in Colo-

rado. Since the first Aspen

conference in 1951, it has

become the leading design conference in the world. To be

invited this year as a member of

the team describing the best of

British design to Americans in

Colorado seemed a great hon-

our. Everyone was very nice -

yet I have rarely felt more

depressingly narrow.

The quality the most successful products have --- be they drawing materials, cars, for klift trucks, windows, lifts or even buildings and bridges — is a sense of quality in a unified whole. Then, the effectiveness gives rise to an aesthetic. [[a Is panese tape deck is by far the most advanced, efficient and economie in the world it will not be long before the look of that tape deck becomes "the look" for tape decks; the look which expresses efficiency. As the Mercedes car docs. Or bridges ean. Then the sestlictic expresses the effectiveness.

Alas, British industry does not seem very effective et producing suelt goods. Yet the erazy thing is that the skills to sehieve such success and satisfaction exist in Britain. Our car industry is a failure, yet we have engineers who design the fastest, safest and most reliable ears in the world. Our Royal College of Art-trained car body stylista are n demand in Oermany, the States and Japan. They work in Mercedes Benz and other suceessful car firms. If these two groups could work together in Britain as equals they could succeed. Yet our intellect unland onomic elass systems are such that it seems impossible. We have the skills but not the business or social structure and environment to revitalise our

The building industry does not look much different. There are so many vested interests, nisconceptions and false priorities both within and about the industry, which so affect how it good enough buildings or have a successful enough supporting product and equipment manufacturing industry. We have not had an environment to achieve the best for a long time and it docs not look as If we are aebicving one now. The public thinks that building design is about fashion and carried out by designers from art schools -ifit is not done by architects it is done by surveyors -- not about engincering and technical per-

Until a few years ago the major post-war clients were government or local authorities. these consumers and their

specifiers — mainly architects ment. These two contrasting and surve yors — largely defined the nature of the UK building industry. The accent in this country was on social need quantity building to reduce

population density in the UK is

such that constructing anything

here is more difficult than

anywhere else in the world.

Better technicel performance

requires better design, materials

And better technology re-

quires innovation. Why is it that

the most innovative of my col-

leagues' and my own work -

the limber lattice shells, the

stone ahells, the big tents,

airhouses, flexible materials.

even timber joints - were first

developed for overseas? Here in

Britain one seems to have such a

full orchestra in the design team

that the money is spent by the

architect convincing the elient,

and little is left for the engin-

eering or for convincing the

I put to you that this problem

achieving a satisfectory

contexture at least partly exists

because of us - and it is ive, as

structural engineers, who ought

to be doing something about the

situation if we believe our

discipline has something to give

to the prosperity of Britain.
Our skills and our oppor-

tunities were formed in the past

Our profession really started in

the middle of the 18th century.

At that time Great Britsin was

largely an agricultural country

with a population of 7 million

people. Probably no more than 5

per cent of the national income

was available for new invest-

ment and to accumulate capital

at such a rate could not produce

more than a very slow addition

to our wealth-producing equip-

At the apex of society at that

tlmo were the big landowners.

mainly Anglican by religion who owned most of the nation's

wealth yet who often engaged in

consumption rather than invest-

egricultural workers, later to

become the manufacturing

workforce. In between were two

active groups. The first group

was an aggressive merehan

class, often recruited from the

youngersons of the landowners

intent on trading or exploiting

new territorics oversess. The

second group were the embry-onic industrialists, often non-

eonformists who were banner

from the professions and from further education in established

satisfaction in inventive in-

dustry, (developing national

resources of power, improving

transport and manufacturing)

niversities, who found their

approving body

and construction methods.

Better technology,

active groups exist to this day. Our profession developed to serve those industrialists. The ocial inequality.

18th, early 19th century engin-predict behaviour by calculation, not only have the clients cers were basically scientific; tion, they aimed at minimum

backed by humanistic manage- they built an experimental length of brick-retaining wall or a cast-iron beam or an engine boiler and loaded it, they developed text books of matdesign techniques of the late erial properties and tried to

material structures because they saw them as having only to satisfy strength criteria ... hence the beautiful open trusses. Certainly in the early days of the 19th century engineers saw their methods of design and construction es developing from an



understanding of how muc

worked. Yet architect, their lack of historical pa dent for handling the space possible, were largely and ested in the new materials I got their work through & seen as artists and the rooted



lay in the past; their chance of

fame lay in reviving historical The competition for the design of the building for the Great Exhibition of 1851 illustrates this division. Most entries

were based on historical style



and used stone or brick. They cost too much, were functionally inadequate and would have taken too long to build. It was a prefabricated cast-iron structure, clad in glass, which was the only entry able to satisfy the criteria. It expressed the



entire new principle of engin-ceiing design, where prefabrication and organisation of plant and lahour, together with the significance of irou and glass as

Yet strangely enough, Brit-

Architects, Housing Authorities, Contrac-

Permanent weather-tight performance,

effective ventilation, no condensation

or maintenance problems and smart.

The Marley Dry Fix Roof has al-

tors and Home Owners. The Marley Dry

what a good roof should offer.

clean-lasting looks.

Fix Roofing System meets everybody's idea of

n, having led the world in the divelopment of concrete, ironand glass, and in the organ-Jeast 20 years behind. isation of large-scale construction, then entered a period of

iesistanice to innovation. Sometion the technological psuedo-Georgian lacades of pint declined, Somelinwaclass system hased on the land and on trade still persisted. The sense of unity in the industrialist nonconformist family enterprises whole host of new techniques was destroyed with the passage from inverseas came into use. of the Disestablishment Act which removed the bar to the universities and the profeswood and so on were used

Between 1850 and 1940 the seennd industrial revolution occurred, this time in steel and concrete, gas and electricity. telephone and radio, oil and chemicals and so on — all of which radically improved living tion shifted from the creative individual to innovative organisation, though not in the construction industry where

down barriers

the building was large or tall or

materials led to Britain being at more legalistic view of deresponsibilities. The The Second World War auchitectural profession has changed this. The showly-both reacted by welcoming fashion framed huildings, clothed in changes (the pressures for which constantly exist from the young trying to oust the old) ju order to stone at the front and brick at the divorce themselves from the hack, were irrelevant and factories and other temporary failure of the past and by reintroducing the design of many huildings were needed fast. A technical elements by sub-

contractors or suppliers. Higher strength steels and But the architects do not feel secure - a profession that is welding were introduced, concrete and pre-cast concrete trying to self "value" without developed, resin-handed plyquantifying it is hound to be valuerable — though it might be the right way to sell it. Interior and materials were achieved. It designers and quantity surveyors erode the architects' market is interesting how much of that and it is perhaps not surprising that some architects imply to huilding remains today. The pressure of necessity broke clients that they not only have their own skills but the engin-The tremendously increased eer's as well - surprisingly scale of construction following enough helped hyengineers who the Second World War was see themselves as dependent on largely led by the newly-emthe architects for work or who erged public architectural offiare extremely distrustful of es. These were hended by engineers of other sub-disciolines. Certainly many architects see conflict between nrebitecture and engineering and all see control by their

But today construction is about big money and to handle that successfully calls for loughness and rigour. Autocracy or selfishness do not provide this. highly scrviced the engineer had A system of collective decision making is essential. But such a partnership does mean shared authority and shared recogni-

What does this story illustrate? It is perhaps not surprising that the architect, who usually gets the job and whose pencil co-ordinates and "mnrk-ets" the design, assumes he is the with this by controlling the "establishment" and being both client and chief designer without

It is perhaps also not sur-prising that engineers, who go the engineering designer being "in house". through extremely rigorous examinations to qualify and Initially many attempts were made to develop building prowho know that their contribugrammes with contractors havtions are an essentiol part of the whole even though they are usually unrecognised, do not

ng their own engineers. Yet all public offices heve rigid accounting systems and, along with en increase in the number of architects in public employ came an incresse in the number of quantity surveyors and the growth of finencial control systems. There was a lorge number of Individuol house unit systems developed by manufacturers immediately after the war and of multi-unit housing systems - often high-rise - in the sixties, but firms carried out surprisingly few contracts. What mainly happened was

the growth of private consulting engineering offices largely devoted to building, though they limited their responsibility strictly to structural stability or to the specification of building services systems. Since the elients were politicisms with short-term objectives, their priorities were social needs. junntity, cost and speed. The ning, social need and aesthetics; the quantity surveyors' were quantity, speed and cost. The engineers liad to accept these prioritics. Technological performance tended to be nepleciad. Research related more to building design methods rather than measuring end explaining overall or component performance.

Even with the client shifts in the last decade from politicians and their officials to corporations and developers, this rigid hicrarchical organisation of functions in the design of large buildings remains. Yet there are

roung, politically orientated nehitects who liad returned pathetic allies in government and local government. One discipline essential. interesting aspect was the slow-ness to develop public engin-eering offices devoted to build-It is easy of course to cxaggerate this. Just as my partneis and I chose each other ing. One season for this was, of course, that the engineers had heesuse we saw our differences n knowledge, interest and abilities as being complementexpansion in knowledge and ary, so are the skills of most techniques brought about dur-ing the war. In fact, many of my engineers and architects comgeneration entered engineering because we were excited by the crestive opportunities arising rom such developments. So.

ecome more essential than the The srchiteets certainly wan ed to retain authority for the total design and the co-ordination of consultants, yet the yalso wanted to devolve responsibility for the engineering and the costs. The architects first dealt

designer — the public does too.

feel adequately rewarded. What Private Eye calls "all the bullshit, middleman industries of the eighties such as poppublic relations, video and a lot of non-jobs in the City which involve shuffling money about' are more financially rewarding and have higher status than neering. Recently just one of the large City investment houses has received 6,000 unsolicited epplications for appointments

he cost to primory producers. in that every II days the foreign exchanges turnover the total value of a full year's trade In goods, must be high. A cost which the rest of our society must pay. Presumably the Blg Bang is about our getting even more opportunities to practise it? So far the price we seem to pay is in jobs, but it is hard to believe that the current success of lead to a successful perous society. More than that it is the all-

pervasive values of this successful merchant class, which drive the wedge between orl and icchnology — anything old is respectable, anything new is out; anything rural is respectable, anything industrial is out. Which of course is why there are 26 architectural knights — and only four structural engineers

appear knightly, It is we engineers who must change this situation - otherwise no-one of any quality will go into engineering end there will again be no technical a lot of criticisms. Public innovation in British building,

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REQUIREMENTS HE WHILDING REGISLATIONS

PEAND REIJISH SIANDARD SZSO.

The Dry FRoof that breathes. MARIEN Roof Tiles

Enter 27 ON EXPRESS

FROM James Stirling's Nene Staatsgalerie in Stuftgart to Hans Hollein's municipal museum in Mönchengladhach, Germany has seen the completion of many significant huildings in recent

To the growing list of impresive new museiims and art galleries can now be added the newly opened Schirn am Römberg in Frankfurt.

'Schirn'' was once a term for butchers' shops in the centre of a medieval city, but today it is the name of a public building devoted to a wide range of cultural activities. The story of the transition is long, hut the final chapter has just been written; a new building has been erected on an important city site while helping to preserve the character and historical importance of an unusual location.

In 1944, the Gothic old town of Frankfuri was reduced to rubble during two air raids, and while much of the post-war effort was devoted to rebuilding other parts of the city (often, alus, to a poor stundard of design), the site stretching from the cathedral to the Romer Town Hall remained desolate

Traces of early settlements on the site go back to the Bronze Age, and extensive archeological Roman remains have been preserved to become a feature in the final redevelopment plans. Ten Holy Roman Emperors were crowned in the cathedral between 1562 and 1792, mcreifully, however, the building survived the conflict to stand alone in the area laid waste

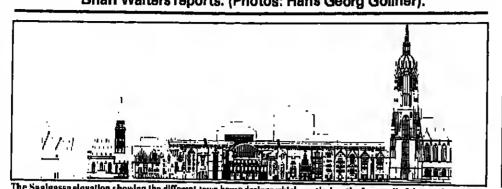
The restoration of the Römer hill site has been subject to many influences including the introduction of new main thoroughfares in the area, along lines laid down for the reconstruction for the old city included in the

Section north-south showing the exhibition gallery.

Interior of the Schira meeting place, looking west.



The new Schirn Museum in Frankfurt represents the successful insertion of a dramatic building form in a sensitive historic city centre. Brian Walters reports. (Photos: Hans Georg Göllner).



general development plan of

The Römer Town Hall, an underground railway station and a car park on or near the site were all to influence the structures which finally occupied the site between the old cobbled town square and the cathedra but in order to consider the many suggestions for develop ment, a competition was held in 1950-51. Residential development along the bank of the nearby River Main and around

the cathedral dates from this

more detailed competition led to

the reconstruction of the town

period. Also about this time, a

Many more competitions were to follow before this mportant aite was filled; the last, in 1980, stipulating that the design of the eastern frontage of the Römer should be an historieally authentic reconstruction of a series of gabled buildings. This decision was to be a matter of considerable controversy, but

recreation of its former appearion of something entirely new, the site would serve to demonstrate to citizens just how much

both as a memorial for the older generation and an object lesson to the young).

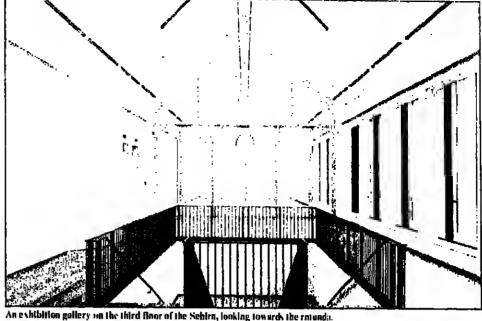
Since these buildings were completed in 1983, passions have cooled and there is no beauty had been destroyed doubt that the "old" buildings daring the war. (Thus serving provide a pleasant foil to the an international competition

unashmedly modern concrete structure of the town hall. Filling the yawning gap between the cathedral and the Römer. however, enlied for a more

intaginative design. Twenty years earlier, in 1963,

was held to redevelope under the title "Froit an annexe for the municipal offices. Subsequently this prothe World". The winejeet was altered and expanded the Frankfurt fim of? Thurwiichter and Weben form, but in any case, it was to be plan included an exhibit of no avail, for the project was theatre, public librag: slipps and cafes, in add

shelved in 1978. The construction of the



underground railway heneath the Römer site was to influence the above-ground structures. When the underground developments had been completed in 1972, the area between the enthedral and the Römer hill was once again left alone.

edral-Römer Hill Project Group in 1979 led to yet another doing so, it was evident that the

The formation of the Cuth- ant issue - the style of buildings which were to occupy the east side of the Römer hill. The responsisal of the site and its competition rules were plicased future, Indeed, a further com- in such a wnythat oll entries were petition was held but before obliged to include the historical reconstruction as part of their jury was divided on an import- overall plan, although if a

modern variation appeared to have sufficient merit, it would be considered by the jury.

Of the 103 entries, only 24 took this apportunity. The decision of the jury to award the first prize to Berlin architects Hangert, Jonsen, Scholz, Schuldruft became the hasis for future

planning. While, on the suggestion of Heinrich Klotz, Architecture Museum director, the city council ratified the jury's decision in 1980, it also decided to commission 10 other architects to plan residential buildings to run along a narrow lane peside the main building. Meanwhile, construction of the six historicol houses began almost immediately (this had been agreed from the outsettend they were completed in 1983.

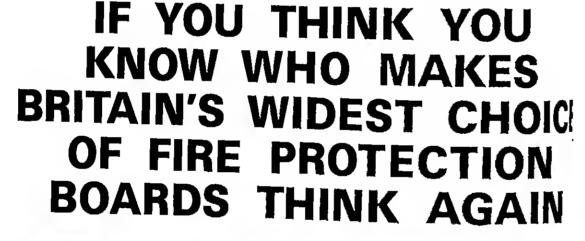
A bold aspect of the prizeto link the eathedral with the Römer by means of a long building or "stoo", a continuous

areade visually connecting the St Nicholas church at the south of the Itomer with the cathedral In the east.

At the same time, the new building provides some stability in a chaotic area — one side of the long wall of the hinlding defines an edge between the cathedral and the rathaus, while the other is now a hackdrop for the series of town houses designed by different architects.

A large rotunda provides an axis to the stoa on one side and the pedestrian area leading to the town hall on the other; at the same time this feature acts as a fnierum or hub.

The new building serves several purposes; providing a home for the City Art Gallery, a youth orehestra, and a meeting place for the ciderly and hand capped. All are accommodated in an imaginative building. which has at last solved the problem as to what should be done in this sensitive area.





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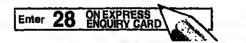
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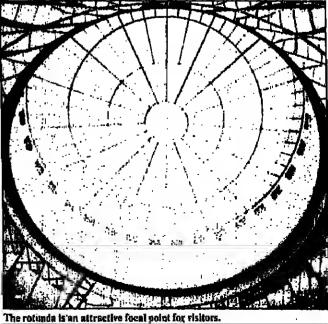
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THE MAJOR NEW FORCE IN FIRE PROTECTION







When I spoke to him at what he himself described as the department's "sordid and seedy" offices, round the back of Swindon's Town Hall, Pepper showed no trace of sand - sharp or otherwise — on the familiar (if slightly old-fashioned) archi-teet's uniform of beard, casual tweed jacket, red tie and outsize brown plastic specs. He was keen to dispel what he sees as misconceptions widely held among architects nbout local

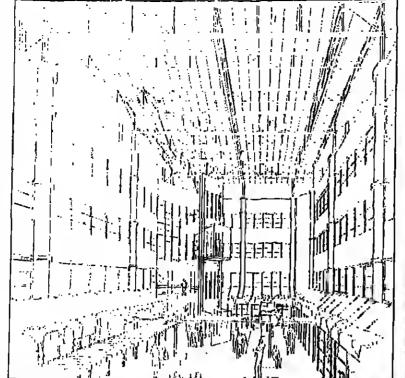
"The first is that one will be working in an enormous bureaucracy and one will have no control over what one is dealing with, in fact un archtices from graduation stage will probably have more apportunity to design the building entirely himself than in any private prnetice. That is sometimes quite a difficult message to get

"Then the other one is that there are all those committees that you've got to take everything to and everyone wants to have a say. In fact, most of the lime I take schemes to client committees without even showing them elevations."

The town of Swindon does not possess a strongly marked overall character, and does not impose a predefined acsthetic formula upon ambitious young architects. Not much more than 100 years old, and with a tradition for heavy industry, it owes its existence to the Great Western Railway, Its council since reorganisation, the Bo-rough of Thamesdown — has been dominated by the Labour Party since the war. It has expanded greatly in the last 40 years and was for some years an unofficial GLC overspill lown - London accents are apparently a familiar sound out here in the midst of Wiltshire,

Much of the credit for the relatively prosperous position Thamesdown enjoys loday is due to David Murray-John, town clerk after the war. Foreseeing the decline of the railway industries, he bought up large tracts of land that have since increased greatly in value. As n result Thamesdown has enjoyed a degree of financial autonomy shared by few if any other

Douglas Siephen & Partners' lirely funded by the local



Civic offices extension. A scheme currently at project stage for the extension of the existing 1930s building by the addition of two four-storey wings of office accommodation each containing an airtium space, the floor of which acts as an enclosed "shopping mail" for the "customers" of the range of district council services. Bob Pepper, Dave Pearce, Mark Alien.

authority (ironically, just as it is finally due to write off its construction costs and begin to produce pure profit, pressure is mounting to sell it off). Swindon's vast and Foster-esque Link Leisure Centre, this time designed by Thamesdown's architects, was financed by a land deal. Recently, however, even Thamesdown has begun to find its hands lied by central government legislation.

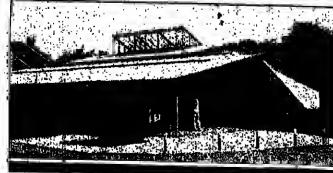
"The borough is not short of capital funds," Pepper ex-plained, "It's got more than enough to do almost every project that it wants to. But at the moment it's got nearly £20m that it just can't put its fingers on, because on capital returns we're only allowed to touch 30 per cent. The rest has just got to go into the bank and earn

These constraints are at present holding up ambitious plans Pepper's department have produced for upgrading the town hall. But perhaps more important is the fact that, thanks to the high level of subsidy offered to tenants wishing to buy down at present is building no

general purpose housing at all.
The reason for this, according to Pepper, is that were Thames-down to apend, say £26,000 on a new house, new occupants fulfilling the relevant criteria could straight away exercise their rights and take it off the council's hands for a mere

Building general purpose





THE SWINDN EFFECT

Another word for freedom.

FLAGRECA

Tim Ostler visited Thamesdown by ts department and discovered a new local



The team. Front row, icchnicians (left to right): Kes in McDermail, Jerry Dres, Paibovo and centre; hus stull an and multi-storey enr park. The bus station includes a public restaurant, shaps and offices with a glazed irridge link tuthe steel-frame multi-Richardson, Colin Wilkinson, Andy Read, Dalle Roberts. Black row, group leaders/Mrdvorey car park. Nigel Honer and Ray Jones. Right: The Link Centre. A leisure centre which combines o wide range of sparts and arts tacilities under one roof — these Honer, Richard Entery. Middle row, urchitects: Dave Oldreive, Jack Konynenburg Miclude an lee-rink, sports hall, swimming pool, squash cours, health suite, public library, studio theatre and community facilities. The structurol steelwork is pointed Pearce, Ray Jones, Dick Balley. Top, chief architect: Hob Pepper.

You will be a state of the bus station includes a public restaurant, shaps and offices with a glazed irridge link tuthe steel-frame multi-storey enr park. The bus station includes a public restaurant, shaps and offices with a glazed irridge link tuthe steel-frame multi-storey enr park. The bus station includes a public restaurant, shaps and offices with a glazed irridge link tuthe steel-frame multi-storey enr park. The bus station includes a public restaurant, shaps and offices with a glazed irridge link tuthe steel-frame multi-storey enr park. The bus station includes a public restaurant, shaps and offices with a glazed irridge link tuthe steel-frame multi-storey enr park. The bus station includes a public restaurant, shaps and offices with a glazed irridge link tuthe steel-frame multi-storey enr park. The bus station includes a public restaurant, shaps and offices with a glazed irridge link tuthe steel-frame multi-storey enr park. The bus station includes a public restaurant, shaps and offices with a glazed irridge link tuthe steel-frame multi-storey enr park. The bus station includes a public restaurant, shaps and offices with a glazed irridge link tuthe steel-frame multi-storey enr park. The bus station



housing in these conditions is something of a mug's game.
Thamesdown's nuswer is to concentrate instead on "spe-cialist" housing such as for older people - a category not subject to "right to buy" legislation. Older homes, whose construction cost has by now been written off, can then be released

Those who moved to Swindon just after the war are now reaching retirement age, and much of the sheltered housing now being built is in the estates developed at that time. Occupants do noi have to move far and, as younger families move into the houses vacated, the age make-up of the estates becomes

One such project, George Gay Gardens, was converted from two hard-to-let post-war blocks of maisoneties. Pepper told me that the brief from the housing manager was very clear:
"He sald: 'Nobody wants to live n these. I want them converted into a sheltered complex - and when it's finished, I want it to be very clear that it's been turned into a new building; that it's got a completely new character."

Job architect Jaap Konynen-

burg satisfied this requirement with a vengeance. Displnying the sort of tricksy brickwork have been familiar in his native Holland, he transformed the two liered blocks into a municipal riot of green window frames, red brick parapets, buil pebble dash, brown render and brick-

Ray Jones, Mark Allen.

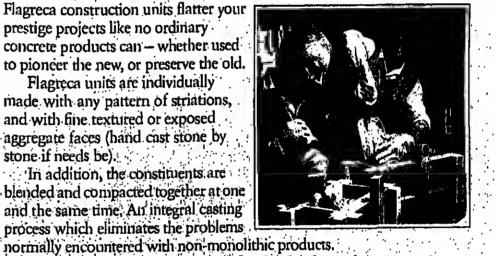
work beside the existing yellow brickwork. Unfortunately, the jazzing-up treatment also included garden fences slatted in the dreaded "architect's diagonal"

The building had been built in a form of no-lines concrete "like Weetabix", and it proved to be an easy matter to break through existing party walls to reorgan ise the internal arrangement from two-storey maisoneries to single-storey flars. Pepper deschoeolate layer cake, with

Pepper likes to think that the evaporation of mass housing has at least allowed Thameslown to develop a more special ist, craftsmanlike approach to design. Particular emphasis, he toldme, is placed on the briefing

process and user consultation. Thamesdown has built a steady flow of community centres. For these projects, landard brief has evolved. It is In effect a standard menu of options, with a range of convenient sizes for community halls or other elements. One side-effect of this policy is that nreas are beginning to specialise and develop different local trad-ltions. One might be noted for its drama productions and want a proscenium arch as parl of its hall, another might require accommodation for a very active playgroup.

When it comes to general purpose housing, consulting the continued page 32



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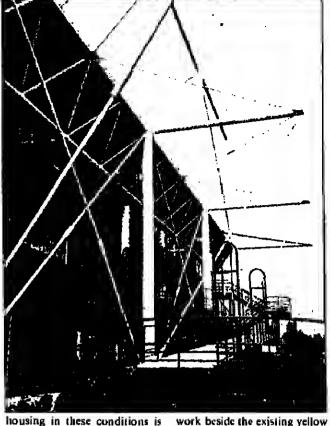
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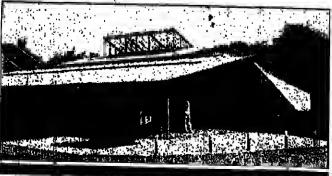


Above: Area 59 — the Holbeins. A courtyard family bousing scheme built in an urban manner with variety in massing, colour and materials to give a strong sense of place. Jack Konynenburg, Below: Lydiard pavillon. A visitor centre with exhibition area, changing rooms and cole in the grounds of a country park.

Enter 29 ON EXPRESS ENGUIRY CARD



George Gay Gardens. A pilot scheme for the conversion of four-store Above: George Gay Gardens. A pilot scheme for the conversion of four-storey Easiform aystem-built maisonettes into an olderly persons' group dwelling, incorporating new-build communal facilities. The use of colour is a alrong ingredient in the design. Jack Konynenburg, Bolowi The Westward community centre which received a cammendation in the BSC colourcoat awards 1985. D



Public sector



centres built by the department. This is called Gorse Hill and was designed

llight: Frobisher Drive group dwelling. Sheltered accommoda-lion of 48 flats and communal facilities for the elderly around a deusely planned courty ard. D Pearce. The Swindon effect

users is rather more difficult. According to Pepper, Thanicsdown does not at present have the kind of sophisticated housing management system that enables architects to identify individual needs before houses

His previous eniployer, Middleshorough, operated an advanced allocation scheme, designed to pinpoint families likely to be living in each development. These future tenants could then be consulted on what were considered key factors, such as whether they wanted the car parked on their site at all costs, or whether the space would be better used for some other purpose.

In the absence of this system, Thamesdown have to rely on feedback from new occupants - a method Pepper feels to be unreliable. The three-key system used (by the time prospec-tive tenants get to their third choice they have to take it or

leave it) means that user necep-tance is only a very crude method of ossessing a particular house design. Faced with waiting unother seven years for a house, people are not often in the mood to object.

Technical performance is rather cusicr to monitor. Part of Pepper's department are the building surveyors responsible slightly aluminolymetric for maintaining the huilding stock, so lessons from regularly occurring problems can he quickly fed back through the

The department has shrink considerably in the last few years, with a total design stuff down to only 16 people, inclu-ding seven technicians. Pepper operates a conscious policy of taking on slaff straight from coflege. "It brings in ideas from different sources. And on the whole, they're looking to get a couple of years' experience under their belts after graduation, before going on and then of struts and ties, is anothed appears to have been dealed.

and lacade is perhaps proble-The Link was built at around the same time as Swindon's most allows flexibility to a funous modern monument.

staffing requirements at tively frequent intervals Foster's Renault Centre, with which it shares superlicial Older sinff, generally to, for a more settled position similarities - along with structural engineers Anthony Hunt spending their youth s. Associates. I was sold that the wild architectural out; choice of a suspension structure was made for quite different continuity to the depart reasons from Renault's. The slightly alumningly punit-"sea-anchor" for the "kland deal that financed the project generated a fixed sum of money and, in order to minimise of the job architects. losses due to inflation, the roof Longest serving archite the acknowledged inteller had to be constructed while the design for the interior layout

guru of the office is Nigelf was still being completed. who in 1974 left anassocia Honer's central bus station with Powell & Moya b. and multi-storey car park fea-Thamesdown. It is under turcs a cafe as the centrepiece of ner's acgis that some of The a square shortly to be enclosed down's most interesting, best detailed building! on two sides by office blocks. The project acknowledges the been produced. One of the fact that a large number of office Freslibrook shopping at workers will have to look down whose ridge ends and gare are crisply detailed by P Bailey. The Link Leisung upon it from above with a decorative pattern on the eafe's flat roof in paving slabs and tre, with its veritable cation It would be surprising if the

uphcavals suffered by local authorities in the last few years had not had an effect upon the appearance of their building projects. The combination of ever-lower cost limits and the reacceptance of formalism by local authority architects has begun to generale a new local authority vernacular, varying in style from low-budget high-tech to lowbrow posl-modernism. In the latter, the lack of intricacy sometimes gives buildings a "cardboard" quality; while both cases, bright paintwork — often with a distinctly rule-ofthumb approach to colour tends to be used as a low-coat way of setting buildings apart from their surroundings. Thamesdown is no exception: and as a result, to these eyes at feast most of the buildings look

better in black and white. Dave Pearce's Faringdon

a high standard — though at a point. The post-modern pastels larger scale the junction of roof tpink for girls, blue for boys) clash with the more complex colours of brickwork, his almost a modern folly, built behind a line existing Victorian red brick wall, but lacking the intricacy and fine detail that lightens the heaviness of much of the best Victorian architec-

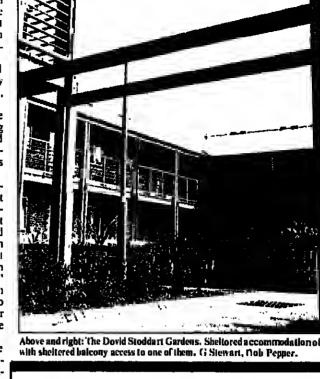
> The building has proved popular with those living nearby (few of whom, it must be said, can be regular pairons). Less quirky, but also by Dave

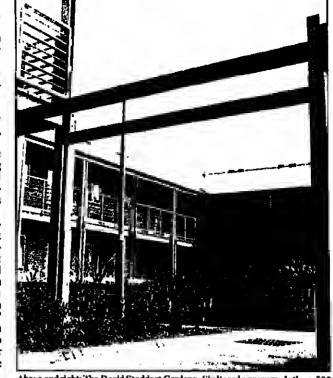
> Pearce, is the sheltered housing at Frobisher Drive, with stained timber oriels and superb landscaping by Thamesdown's Parks Department.

Pepper dismissed any suggestion that the chief architect should impose a style of architecture of the office, "We don't have a house style and we would never wish to impose that on anyone. All I seek is that - it sounds trite - a caring human architecture should come out." He's right - it is trite - but then it's not a chief architect's job to think up original slogans. Far better to judge him on the buildings his office produces.

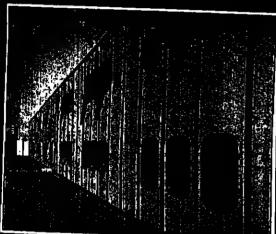
The last general purpose housing development Thnmes-down built before the mora-Iorium was Arca 59 (The Hol beins), a development of 144 units around a central squarc. Job architect Jaap Konynenburg designed it in characteris-lically exuberant colours around the requirements of DoE Design Bulletin 32, stressing the identity of individual houses and featuring a range of house typea.

Despite the lip service paid a the time to sociology and social aurveys, most of what was produced during the great age of public housing in the fifties and aixties owed its form less to a considered analysis of needs than to the rhetoric of the modern movement. Ironically, only now that activity ia a fraction of what it was before in council housing showing signs of becoming better attuned to





State of the Art Gallery



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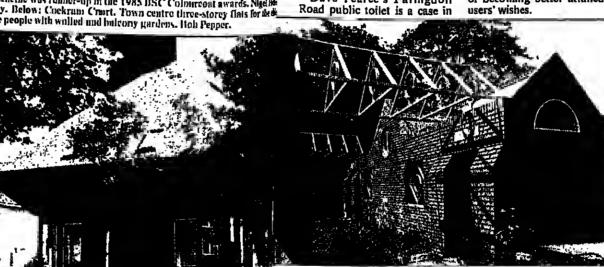
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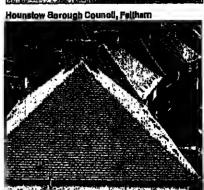
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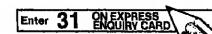






· VENTILATORS FOR ROOF SPACE · THROUGH WALL · CAVITY · UNDERFLOOR · THROUGH ROOF





OF all the ancient landscapes in the western Mediterranem, few can remain in such remarkable preservation as that of Minorca, best known as a holiday island and neighbour of the more popular Majorca. In fact there are more than 2,000 ancient sione structures on the island, most in undisturbed

Some of these are stone towers, the "talayots", and these are very like stone towers found throughout the western Mediterranean. However, the stone boats, "naveta", and the stone tables, "taula", nreunique to the island. So little archeological study has been done there that it is not certain what these structures are, when they were built, nor in what order.

Minorea was probably first settled around 6000 BC, and was probably reached in a chain of crossings from the eastern cape of Spain, elose to what is now Javea, and via Ibiza and Majorea. People lived in the caves which occur in natural profusion all over the island, predominantly of Devonian nestone. Many of these eaves

Tauta de Sa Torreto de TroMuntona. In the left foreground is the woll of the toula court. The talayot stands behind. It is possible to see a little way underneath the capstone: no sign of a mortice, were enlarged, leaving pillars of ones, as if the conformities have stone to support the roof. Other round the walls; either in anticipation of enlargementa

never earried out, or as an

arehiteetural motif. To the

modern sensibility these squared

and levelled caves feel more airy

and comforting than the natural

banished the press of stone.

Archeology

Majorca, Corsica, Sardinia and Most of the free-standing North Africa, suggesting a structures are thought to come "tower people" spread out across the western Mediterfrom the "Talayot period", dated 1500 to 500 BC. There is ranesn in the second millenium some diss greement about these dates. The talayots are sometimes called "cyclopean" talayot builders with the

John Cox examines the remarkable stone structures that cover the Mediterranean island of Menorca.

the western Mediterrnnean in the 15th eentury BC, sailing to the Lipari Islands north of Sieily, in search of obsiding outside Minoan control. Minoan boats, to judge from models and scratched pietures of the period, were primarily oared vessels, and perhaps not enpable of such long voynges. The Myeenenns eventually overran Crete, and it may be that they were among the first to improve the sail and keel. Something like this is indicated in the story of the wings which earried Daedelus from Crete to

> Another theory connects the talayot builders with the "People of the Sen", nennfusion of piratical raiders who mnr-auded down the coast of Asia Minor in the years following the Fall of Troy (e 1290), brenking the Egyptinn hold over Palcstine, and opening the Mcd-iterranean to the Phonecians sniling out of Tyre. The People of the Sea included Achenns, Dannans, and a people called the Shardana. The Shardana have been identified with the Sardininns, and in The White Goddess, Graves notes "a trad-ition that the Balearic Islands ... were first mnde into n kingdom by the Dannaus Thep-

Sicily, bringing about the full of

tolemus and Lindas". Minorea has about 200 of these towers, mostly decupying the high places in the southern half of the island, and often grouped in twos and threes among n cluster of other constructions aurrounded by n eurtain wall. The largest of these groupings is at Torre d'En Gaumes, where three talayots stand above a Bronze Age city. The site has been roughly cleared to ahow several acres of ruin, with indications of streets and erossroads. At So Na Cacana, a few miles to the cast, a talayot complex stands half exeavated to reveal a perplexing mass of structures that fall across the boundaries of some recognised types: Talayot, Hypostyle Court, Naveta, Taula.

The talayots are explained to some extent as a combination of house, watch-tower, ritual ob-servatory and fortified shelter. In their Minorean form they are mainly circular in plan and about 40 feet high and 80

and there are similar towers in similar style, and first renched feet across. They are continued closely joined, and with &.

and beautiful patterns of None has been restored most are crowned with an of rocks and prickly be which makes it difficultion

top, reached by a shaft leading up from an entrance at the foot, the rest of the talayot being entirely solid. Others may have Others seem to have been eonstructed over them. had upper walls rising clear of n ecntral chamber with a hypo-style column supporting a stone

slabroof, or may have even been

Hypostyle courts are comparatively small constructions, typically about 10 × 20 feet square inside, with one or more eentral pillars supporting stone slab roof at about six fee high, running out to further pillars round the walls. The pillars get wider towards the top, larger stones being placed on smaller ones to produce a shape which is reminiscent of the pillars left standing in artificial

chambers, similar in many ways to the gallery graves of the Atlantic coast. One end is flat, the other is rounded and raked back. The construction looks carbon dating has suggested they were constructed around 1350 BC, at the beginning of the

More than 40 navelas have been identified, of which 10 are fairly intact. The best known is the Naveta d'Es Tudons, which sits on the side of a shallow valley three miles east of Cuita lella. This naveta has much in common with two navetas at Rafal Rubi, in the west of the island: all three are about 7.6m wide, 13.7m long, and seem to have been about 4.2m high. Inside there is a double chamber, one on top of the other, made ir a corbelled construction to give a free space 7 feet across and 18 feet long. The main chamber is about 7 feet high, the upper chamber about 4½ feet high. Inside the shape is remarkably boat-like with various arrange ments of shelf and ledge at the bow and stern ends, very much like the sort of structural furniture found in a real boat.

A feature of the great buria mounds of the Atlantic coast is the way that their entrances have been angled so as to let in the rays of the sun just as It rises at a particular Ilme of year. Some o he navetas have their openings to the aouth-west; the Naveta d'Es Tudons (entrance and chamber), Rafnl Rubl West (ehamber) and Son Sanxo

roofed in wood, whieli by now navetas all face horizons of has been long disintegrated. abnut 3 degrees in elevation, the

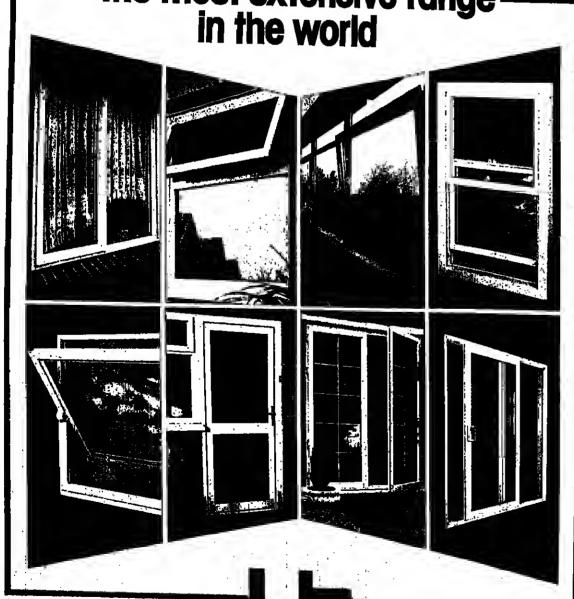
sun (declination 13 degrees chambered at the foot, being like south) would have shone to the hypostyle courts with a talayot back of the chamber nt sunset around February 14 and Oet-The tnulas are the most obscure. They consist of two picees of stone: a rectangular

14ft high, with a second, smaller, and rather thicker slab balanced alnng thetop. About thirty tnula only seven taulas still have their

found close to the foot of talayot, and set within a "D"-



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some of the characteristic fenciosure, but the upright seems too small



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shaped court made from a number, typically 13, of pillars rising to about two-thirds of the height of the taula itself, and set out at a distance of 6ft to 12ft.

The oldest theory about the taulas is that they are tables made by giants. This is still a satisfying answer, since if you imagine a few tree trunks across the surrounding uprights, and picture a few giants sitting extremelywide and narrow. The round, then all the proportions and distances work out very well. According to Armstrong (1752) the taulas were altars. An Egyptian influence can be identified, since the "T"-shape of the altar with the "O"-shape of the sun over it gives an ankh cross, representing the tree of life, and the totem object of the sun god Atum-Re.

For no very good reason, Romis (1818) suggested that the taulas were used for human sacrifice. They might equally well have been used for exposure of the dead in the managers. of the dead, in the manner of the Zoroastrians, and perlups as part of a bird cult. Kites are still

plentiful, and make a fine sight. Carthaillac (1892) proposed that the taulas were purcly functional, being the central pillar of a hypostyle court roofed in wood. This idea is attractive because the taulas do look very much like hypostyle pillars, but the argument has its difficulties. A functional pillar would be expected to be square in section, whereas the taulas are taulas are much taller than the surrounding pillars, and this makes an awkward set of angles

for roof beams to rest on. Alexander Thom (1967 and 1971) has shown how mcgalithic astronomical observation. In particular, he has shown how megaliths could have been used to mark backsights, places from marked by some conspicuous feature of landscape.

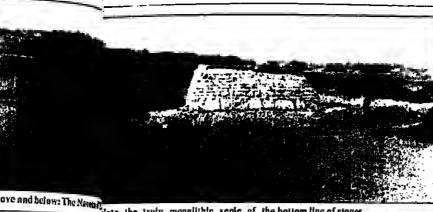
potential to have been used as astronomical backsights. From

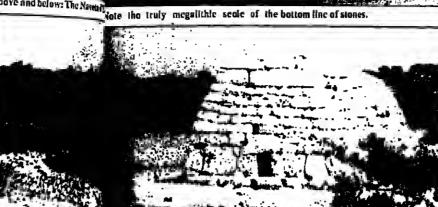
the Tanla de Trepuco the equinoctal sun would seem to rise directly from a notch at the summit of the Malion headland. From the faula de Sa Torreta de TraMuntana, the "Table at the tower of the north wind", the midsummer sun rises at a point on the horizon where the land meets the sea, and two further junctions mark the extreme positions of the moon. Looking west from the same spot, in 1000 BC, the Pleiades cluster in Taurus would have appeared to set at the summit of Monte Toro. the highest place on the island.

At the summit of Monte Tore is a church built round a shrine. The legend is that this is where the rock was split open by the horns of a bull, revealing a tiny chamber with a statuette inside; sites could have been used for astronomical observation. In story of Jason (1200 BC?) it is clear that the bull is connected to to mark backsights, places from which particular risings and settings could have been observed at points on the horizon marked by some conspicuous haps the plough has a bronze share, since the bulls have Several of the toulas have the brazen feet and breathe fire. The



Below: Tnula de Trepuco. In the background is the Torre Trencada.







Entronce to the wost noveto of Rofal Rubt. The dimensions of the coveto are practically identicat to those of d'Es Tudons, but o tot of the upper portion is missing.

Refal Rubi West, Interior looking back to the decreey.



The Naveta d'Es Tudons. The space is about seven feet high. The floor is bedrock

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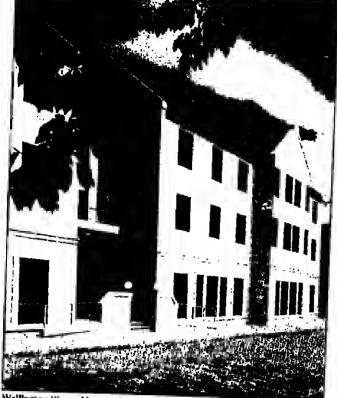
the first morning when it stayed black and white moon-crested dark enough to see the Pleaides bird, messenger of the gods. But despite the traditions the pre-history of the westem Medset. At much the same latitude in Minorca, in 1000 BC, this would have occurred around Novemiterranean is little known. The ber 5, about three days earlier than it would have been for the archeology of the sslands is mostly unexplored, and the Greeks. If the bull striking the meaning and function of the rock represents the cosmical stone ruins is not understood. setting of the Pleaides, then the Perhaps Minorca was col-

onised by navigators around 1500 BC. These people introduced the plough, and lived in an egalitarian society based on the independence of the fortified rock splitting represents ploughing, and the revealed Virgin is the constellation Virgo, holding Spica, an ear of corn. J Masearó Pasarius, the principal authority on Minorcan village. They came from the archeology, suggests that the west, since they buried their taula were tokens of the head and horns of a bull, perhaps used in a dance-cult with echoca turned over on the same point of sail that had brought them from the eastern cape of Spain, and would earry them on to Sarof Minoan Crete. Such a totem might be deliberately ambigdinia, where they became the uous, serving to represent a cycle of things in a cult of transform-ation: bull, plough, boat with keel, turned over like the naveta With the development of

practical astronomy, the improved sail, and the invention of themselves, boat with sail; at some point in the year it could have been roofed, representing the keel, long crossings became increasingly commonplace, exposing Minorca to the influence the tree, and at another time made open again, in a cult of bird and moon. of Egypt and Ionian Crete. The religious principles became Such things still go on during the summer of 1972, in Ibiza, I more agrarinn, and the mon-umental architecture became absorbed in a new and ambigheard the women out on the night of the full moon, shouting uous structure, the taula, repacross the terraces to each other, resenting boat, keel, sail, plough, 'hoopoe!" in invocation of that moon and bull.



Pillar Inside one of the caves at Cala Morell.



Weifington t'ince old people's home.

EAM EFFO

The work of Lothian Regional Council's department of architectural services is the subject travelling exhibition. Richard Carr reports.



style at an exhibition on the work of the Lothian Regional

gallery in Edinburgh, but also to eshown elsewhere, the exhibition shows 20 projects by the council's department of archi-

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design team of nine-10 people. But, as the department's policy is not to give credit to individuals but to stress the import-Recently on view at the RIAS ance of the department itaelf, none of the people involved are identified.

The work is characterised by NEW FROM SY EAR GOOD SY EAR WORLD LEADERS IN RUBBER TECHNOLOGY very elean lines, a careful differ-

materials, minimal ornamentation, n restricted palette of eolours and the occasional touch of humour. This is achieved through the trentment of elementa like windows and details like light fittings and gates. The result is that the architecture, though emanating from a local nuthority, doesn't ook bureaueratie.

The exhibition marks the first 10 years of work by the department following the dissolution of Edinburgh City Council and the establishment of Edinburgh District Council und Lothium Regional Council, It also coneidea with the move frum offices in the centre of Edinhurgh to a converted, lute 19th century school on the northern side of the city, and un endenvour by Tom Hughes, director of architectural services, to show both the councillora and the public what has been nelvieved so fur.

This, admittedly, is not easy to see in no exhibition which contains mainly recent work. But the projects do show the breadth of work undertaken by the depurtment - including schools, day centres, fire stations, police stations (including one being planned cluse to the Pulnce of Holyroad House) and even a printing station. The department employs some 250 people involved in 140 million of new build and £13 million of maintenance work a year, pro-viding services which include planning, architecture (includ-ing surveying and engineering), interior design property man interior design, property man-agement and even outside eommissions. These carn approximately £1.5 million a year.

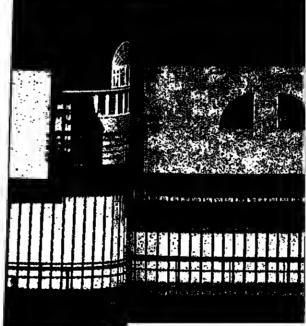
Though an overall style is discernable, Hughes says this comes about almost by accident since it is not imposed by him oor is there any attempt to make the principals desired in the principals. the principals design in a particular way (except to im-possibly low budgets, of

And within the style there are different interpretations so that Tolleross Fire Station, for example, can be unashamedly post-modern in its fortress-like entrance with triangular win- Tollcross fire stallen.

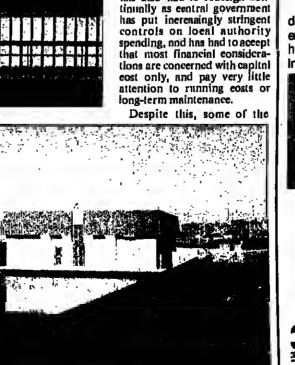
Balerno High School.



Window at Craighail Day Com







"A" division police headquarters, S1 Leonards.

department's designs are adventurous and many are well huilt. The department has had dows to one side t though it could also he compared to expressionist buildings in Amsterdam, for instance), while Tynecastle its victories, like the successful Sports Hall plays a murvellous huttle to provide a big, central visual game, the shape of a large, Crystal Palace-like window on concourse in Balerno High School which serves as a social one facade being repeated in mininture by the detailing of the focus which can also he used hy entrance door below. Unexpected shapes are also found in the treatment of a large window in the Craighall Day Centre, whose entrance brenks through a pitched roof like the prowofa ship (recalling Frank Lloyd-Wright), and in details like the entrance gates to Balerno High

There are also examples of more restrained work from the department, like the old people's home in Wellington Place, Edinburgh, which has a nicely detailed entranee and surpris-ingly successful corner windows. There are very straightforward designs, like the schools at Beeslack and Castlebrae, The department also has its share of rehab and the exhibition shows the care taken in the restoration of the foyer in the Playhouse Theatre, Edinburgh, and Leith Police Station, an extremely nandsome 18th century build ing. Also suecessful is an extension to a day centre in a Victorian building in Firrhill. Here, the extension itself is not only very sympathetic, but its orientation gives a beautifully composed view of the original

The exhibition, which is accompanied by a booklet, is a morale booster for the department, it has, Hughes told me, suffered eutbacks since ita nception, losing two principals (there were originally six) and undertaking very little recruitment, with some members o staff taking early retirement. has also had to redesign con-

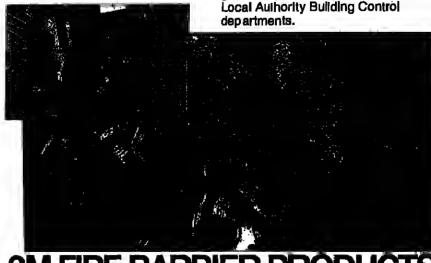
building from the dining room



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AMONG Tagore's many paintings is nue of a house which occupies a head in profile. The house has three storeys; it is approached by a staircase from the chitto the ear, at which point one enters a tunnel. The rest is all windows like an orangerie with a covered verandal and a dark attic.

As most of Tagore's paintings are doodles, or begin in one place and end in another like a ourney without a map, it is interesting to ponder the topology of this house.

Although wondering about the route of a picture is of little eonsequence in most 20th century art, it might have some purpose here. This and the many nther particularities of Tagore's nrt are informed by three considerations. One, his fame and his age (he was 67 when he started to paint) allowed him to experiment in a way that would be unnttractive to n trained painter. Two, he felt that pninting as a meana of spontuneous expression offered subtler and richer possibilities than either liternture or music. Three, he did not anticipate that his painting would be taken seriously - lie was, after all, nn

As a spiritual and social explorer, Tagore nequired excellence in his writing of poetry and music. He made himself at home on the stage and as an author of stories and novels. He was a philosopher, educator, visionary and reformer. He had known fame and adulation and was often embarrassed by both. His influence touched his native India to the core. He travelled the world, was consulted by world leaders and was received with honour in all countries he visited. He received a Nobel prize for literature, honorary degrees and a knighthood. He was a wise and complicated man who espoused simplicity.



Art, maintained Tagore, must express rather than explain.



Tagore mostly used inks, czuyons and gouache, with a hond-made brush

EASTERN VISIONS

An exhibition celebrating the life end work of Rebindranath Tegore (1861-1941) is touring the UK Jesie Reicherdt sew it during its first showing et the Berbican Geilery.

Tagore's activities, his views on liberal education, his support for the emancipation of women, the tip of a finger. He mostly distrust of nationalism, concern used inks, crayons and gonache. for communality between town On this eoloured surface, lines and country, belief in the vital were sometimes scratched with a importance of man's ereative stick and texture was added with a hand-made brush. The picendeavour, provide a vital heritage to draw upon. tures are strange and volatile. Even if the works themselves

There are some inevitable connections between the images leave one with doubts, his views on painting are certainly of great in the pictures and the characinterest. He maintained that ters and settings of his stories and poems, despite Tagore's only painting among the arts can survive the passage of time and anxiety that no interpretation of the gulfs of national and culthis paintings should be atural difference. Language is tempted. Art, he mnintained, fixed in time and place and must express rather than exliterary works have to be reinterpreted and trnnslated to The paintings' subjects range survive. Music, like painting, from portraits to moody landhas a direct appeal to the senses scape featuring wispy nnd sad and the emotions, but tends to other-worldly figures. Colours be more bound to a culture than are sometimes surprisingly

ideal for improving thermal insulation in new and existing buildings. Also provides a high level of frie protection and reduced condensation is. Simple and fast to install and as easy as conventional plasterboard to finish and decorate.

the visual arts. In art, he admired

clarity, simplicity and gener-

osity of scale. He was somewhat

impatient with the influence of

the sparkling beauty of Indian

miniatures on contemporary

work, finding that they lack

'power, courage and depth".

he wrote at the age of 50. Tagore

starts by describing the repre-

sentation of memory in the mind

aa a painting. "I know not who

paints the pictures on memory's

canvas; but whoever he may be

what he is painting is pictures; by which I mean that he is not

there with his brush simply to

make a faithful copy of all that is

leaves out according to his taste.

He makes many a bigthing small and small thing big. He has no

compunction in putting into the background that which was to

the fore, or bringing to the front that which was behind. In short

he is painting pietures, and not

Once he started painting, l'agore became prolifie and compulsive, completing more than 2,000 images in 14 years.

The pictures emerged from the

patterns of his manuscripts. The

written lines were joined into

shapea, filled in to become lakes

and rivers on a page. "I have fallen under the enchantment of lines," said Tagore.

writing history."

happening. He takes in and

In his autobiography, which

surface, usually paper, with bitter, as in the landsenpes where eolour applied with a cloth or acid orange sky meets orange earth through an arch of trees. Usually, however, they are worm, dark and violent.

Of all the subjects, it is the animals, some of them invented and some truetolife, that give an outlet to Tagore's wit and vitality. Here, there is no need for references or memories of the romantic adventures of his stories and poems. It is as if the artist had to leave the human form behind to free himself of preconceptions, associations,

exhibition continues at Cornhouse, Moneheater, uotil November 22; the Third Eye Centre, Glasgow, December 5-January 10; Cartwright Hall, Bradford, February 7-March 29; and the Museum of Modern Art, Oxford, April 5-Moy 31.

insulating existing cavities. The system is installed by Rockwool experts

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His animols give on outlet for his wit and vitality.

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लेकान्द्रास्य पुत्रकृतः जन्नी दृष्टे भिन्नोद्रकृतः



l'agore's pictures are warm, dark and violent.

AMERICAN

Patrick Davies on "The Function of Ornement" at the Chicego Historical Society.

CHICAGO is proud of its century was the most influential building heritage: one is repeatedly told about "The City of Architecture". To Chicago, Louis Sullivan is the foremost exponent of what is known as the Chicagn experiments had happened

This exhibition, which op-ened at the Chicago Historical Society last month, is a comprchensive review of Sullivan's distinctive omament. Sullivan was one of the first Americans to attend the Ecole des Beaux Arts in Paris, which in the 19th

However, his experiences there led him to revolt against what he saw as a linconean style. and formed in him a desire to ereate an independent American style. In a limited way, such

pelore in America, but only Sullivan (preceding his most famous pupil, Frank Lloyd Wrightt developed an ornainental system without any real precedent in Europe. This declaration of cultural

independence undouhtedly endears Sullivan to his fellow citizens 90 vears after his most famous works in "The Loop", he business district of Chicago.

The most fascinnting porallel the exhibition throws up is that between Sullivan's way of drawing, and his style of ornament. The drawings must be quite the most skilful pencil work produced by an architect. and the drawings of the decoration seem to be incised in the paper, the actual ornament panel adjacent being little more than a replica of an already created ornamental piece. The similarity is made so striking due to the shallowness of the ornament: the panels have little depth, being in reality highly-intricate bas-reliefs.

Consequently the theme of the exhibition is ideally ex-pounded in the display of frag-ments of ornament with original drnwings alongside. In addition, there are many models and large colour photographs plac-ing the ornament in its built

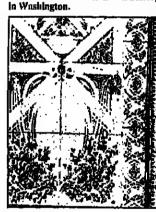
Sullivan was the artistic director of a partnership with the pragmatic former military engineer, Dankmar Adler. (In America in the 19th century, only West Point trained engineers before the founding of the MIT school.) Their works of high maturity diaplay structural virtuosity, with strong forms that the ornament enriches but with which it never competes.

The Auditorium huilding, their most famous commission epitomises this characteristic: the large private dining room, designed after construction began, and subsequently supported by a bridge structure, spanning a clear 70 feet across a ight-well; the 14-storey tower, for some time the tallest structure in the world; and of course the plethora of gilded and steneilled Sullivanian orna-

Clearly this happy halance of ornament and form did not outlive the partnership, which split after several years without substantial commissions. Sullivan's work took an odd turn as the principles that had been held in discipline by Adler's pragmatism now dissolved into a riol of "cabbagey" ornamentation attached to a series of small town banks across the Mid-West.

As an exhibition to inform those who know little of Sullivan's larger work in the Chicago Style, it is undoubtedly successfunction of ornament in architeeture it is a fascinating study of Sullivan as the master of a lost

"The Function of Oroament" is of the Chicago Historical Society until December, New York's Cooper-Hewitt (March-May 1987), St Louis Art Museum and the Renwick Gullery



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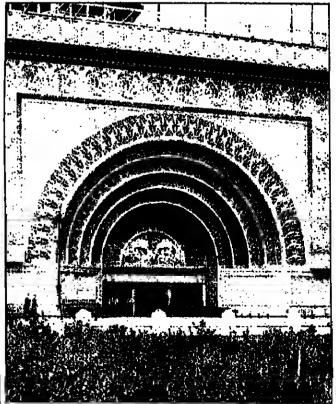
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Golden Door, Transportation Building, Chicago.



Crities felt the Great Exhibition of 1851 showed n deplorable lack of "good tasto" on the part of English morphacturers. This tea and coffee sot were pplanded simply for the novelty of their ornament.

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Function, fashion and frills

By Brian Hatton

Flight af Fancy: The banishment and return of arnament, by Brent C Brolin (Academy Editions).

THIS is really two books pretending to be one. A glance through the illustrations might suggest that Brolin's aim was an empirical visual survey of the many ways in which ornament and decoration have been incorporated in architecture, with a view to praeticol tips for the

Brolin certainly has an eye for this, and if he had earried it through it would have made o worthwhile and stimulating plane. They no longer needed to apeak in terms of taste or mere

compendium. But the text fashion. That was for decorat-reveals an altogether more ors. Designers were concerned polentical undertaking, using a buttery of historical and scholarly references for the purpose of nothing less than a refutation of the anti-ornamental architectural theories of the past two

"From the middle of the 19th century, designers made it increasingly difficult to talk about the beauty of a design, ur the attractiveness of its decoration in purely aesthetic terms . . . Instead, through the so-called principles of design, they appealed to our intellect and sense of morality: we were to appreciate their honest expression of structure, function, material, and so on. Succinctly stated, ideology replaced taste as the basis of discussion about the nature of beauty...

"In sum, designers found it difficult to impose what they felt was 'good taste' on a growing middle class whose 'bad taste' was epitomised by on unrestrained love of ornament. The principle of design appealed because they put designers on a wholly different, intellectual

Ralli Bondite

credulous market?) per Brolin sounds at the oner Tom Wolfe without the ors. Designers were concerned argument at this pool paches the cynical and c Brolin believes that ornument is fun and beautifies architecture, that the need for embellishtunist eclecticism olf ment is inuate and popular, and Johnson.

researcher concerned at

extablish o pattern of con

preference in relation by

whose true value is not

He makes a promisingly

ning when he notes theps:

of ancient ersitsmeo.buth.

to follow this kind of soc.

anolysis through to me times and ruins his argume

confining his history total

of ideology; or to be tue

ideolugy of the refer. Brolin fails to note thater.

Brolin's hook has bewith the nesthetics of dethe 'inherent' nature of a no point does he ith material and the technique used examine the problemsof The hreadth of Webster's lunction, purpose, meand value as such nort. definition has the virtue of directly address and common seose, which one points made by Semper oftens finds in the observations of the amateur. That is to and other serious cits say, it leaves the decision about ornament. Instead, thele; what constitutes proper ornaa great deal on the social ment to the eye, as that is the of taste and professioni. proper organ with which to inlisation. Yet even her sociology is that of an

Leaving aside the question of how an "eye" (whatever that is) can make judgments, or how one deems propriety without deology, this conflotion is

Not for moral reasons, but for reasons which a better understanding of Kant would have reveoled, and which Brolin might have gleaned from a better interpreter of Kant, namely Clement Greenberg, It concerns the differentiation and antonomy of aesthetic eategories and their exemplifica-

been trowned upon, such as: obscure the method of conone uf the most beautiful environments I have ever enterstruction, rather than explain ed, but the intrinsic architectural low an object is made; to disguise the nature of the qualities of the mausoleum material and the technique used building are, I would say, only to work it, rather than reinforce slightly greater than those of the concrete air-raid shelter that used to groce my parents' council-house buck garden. Insofar as architecture exists

as an aesthetic object in its own right, with its own qualities and Greenberg calls it, then architecture must be distinguished from ambient, attached, and incidental sesthetic sources and objects such as drapes, theatrical ighting effects, furnishings, paintings etc. The specific domain of architecture is the interaction of space and tectonie, structural form. This is not to say that the particular qualities of the best architecture will not spring from and respond to what the NATO group call the "discourse of events, life, and action"; or that the objects and effects of that discourse will not, optimally, consummnte and fulfil (ie, ornament) the architeetural framework of its happening, but the architecture must, if it is to remain archi-

object of aesthetic experience. No amount of decoration, no matter how high a quality, will transform indifferent arehiteeture or design into a good example of its kind, no more than diamonds will make an ugly woman beautiful. The Kantian demand is thot all things should be judged acathet-

tecture at all, retain its own

integrity as on autonomou

their own kind. As for the morality of ornaments and decorations, Brolin's obsession with the styles and effects of designs, and not their aubstance, subjects and pur-pose, prevents him seeing that thical questions are involved at and aesthetic policy. Clearly, to debate whether one ornamental or decorotive style for a wine bar is more or less moral than another is absurd. But it is not absurd to debote whether casinos rather than nurseries Nor is it absurd to debate whether we should put, any, per cent of a hospital building budget towarda ornamental o money towards an improve cehnical provision, for in stance, a new kidney machine o

whole-body scenner. The Kantian demand leads, i the area of instrumentality, directly towards the issue justify itself as technique it will ose out to those things that ear and only when and where technique ceases to Innovate improve and expand will orna

Ornament and technique are the respective expressions of visit the chapel to admire the ends ond means. When teehnique fails or lacks, when i further metbod, and out of our Decoration is something else; excess energy and eraving for all it "environmental art". consumation and meaning, we create ornamental beauty. In this sense, ornnment is the transcendence of technique and urposoful oction, ond becomes the symbolising embodiment o the "purposeless purposiveness" that Kant described as the characteristic quality found is

When, in the 16th century,

stunning mosaics which make it have to compete with an ever- end in itself, but simply growing number of expensive inedical techniques.

> Bridget Riley to urnament its chromatic stripes, many critics hailed its success in enhancing the architectural qualities of the building and creating an integrated artwork. But the reason the commission was practical, and its success was defined in terms of administrative and clinical technique - visitors and occupants of the hospital had been getting lost in its maze of blank, identical corridors, while the anomic and indifference of its walls had spawned anti-social graffiti. Riley's lines were the quality of ornament and esigned to act as colour-coded Ariadne's threads through the indifferent labyrinth, and people stopped getting lost.

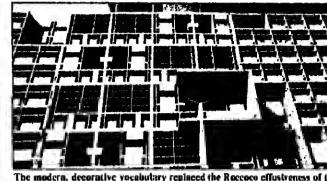
At the same time, the aesthetic morale boost given to the huilding put an end to the graffiti. This was a successful case of ornoment that justified itself os technique. This is not on argument against the ideal of against beauty as on ultimate and form of our cosmus.

reminder that today we have to go through many more practical But when two years ago, a hig demands before we are able to contemplate its specific and new Liverpool liospital commissioned the abstract artist unique values clearly enough to commit uurselves to shaping walls with her characteristic and fushioning it with the conviction which alune justifies it and guarantees its aesthetic

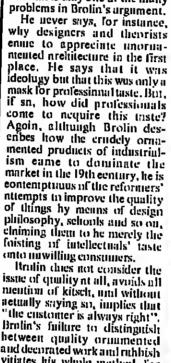
It is only when a rational and philosophical policy as to what tu build with our resources, and a sound and clear system of priorities in our beliefs is established, that questions about the wisdnm, propriety, and a bove all, meaning, of ornament and decoration can be settled and conviction accorded to them, can the cultivation of

Brolin is mistaken: ornament and decoration are not merely flights of fancy, they are the expression of volues, and ulti mately, of our identity, of whu we are and what we are here for. and what, indeed, is liere. In other words, the consideration of ornament takes us l'ar beyont Brolin's cunsunter hedonism to transcendent ornament, or the contemplation of the snurce





The modern, decorative vocabulary replaced the Roccoco effusiveness of the Pitgrimmage church Dte Wies, Devarta, 1746-54 with its own ornamental cruptions - Le Corbuster, Secretariat building, Chaodigarh, India, 1953.



with morality

lumannel Kant.

that the modern proscription on

conspiracy against the public by a design profession possessed by

over-elevated notions of itself.

These derive from the blea of

artist-as-genius propounded in

the Critique of Judgment by

Despite the scholarly appur-

atus, Brolin's argument is

populist and facile - on the one

and there is a suppused uni-

versal and innate desire for

visual pleasure expressed in the

commnn man's love of orun-

mentation. On the other, there is

the ideology of the designers

determined tu dilferentiate

themselves from the mass by the

cult of genius. In the middle is

the market, control of which is

contested between prufession

and laity. Actually, since

Brolin identifies the eriteria for

genius as innovation and reject-

ion of convention, one ntight

question why the genius-pro-fessional should be interested in

commanding the market at all,

out that is only one of the many

it is simply the outcome of a

mention of kitsch, and without actually saying so, implies that "the customer is always right" Brolin's fuilure to distinguish between quality ornamented and decorated work and rubbish vitiates his whole method, for the efforts of the reformers were inspired nut by harror of ornament hut hy a revulsion against the flood of tuwdry products with crude, slick, mr nisplaced ornament released by copitalist industrinlism, und finally by the realisation, slowly reached, that for profound reasons our society is simply incapable of manufacturing quality ornament or of applying

t with any philosophy or 'dishonest" quality of dispri-Brolin lays the blame for this ers also have their ideologo banishment on the idealistic Maynard Keynes said philosophy of Kant, but his own received "common sense" book is saturated with a sim-"practical, no-nonsense" plistic idealism that takes nu nessman invariably turns note of the concrete conditions rest upon an uncanto of social and economic relations assumption of the nostruc in which the historical process it yesterday's theorisis. describes has taken place. He seems to feel that one has no theuretical basis is cost more evident than in his after aconer to think of the idea

of using some ornamental or to conflate "ornament" "decoration": "Websters historical style than to find it mmediately and fully available tionary says that they mean wherever and whenever resame thing. quired: "Those who followed For ideological reasons (Venturi'a) ideas have been freed originated in the 19th cells to dip into the full resources of this definition is rarely accept history, and their openness to today. I take my cue ornament is unprecedented in Webster, however, and is 'high-style' design in our time.''
But the "full resourcea of terms interchangeably, lif

accept Webster's definition history" are not and can never eurious thing happens to de ation which some will sureh be available to designers; style eannot be extracted from its original cultural mode of pro-"As the criteria for judge duction and belief like chemical decoration became visus essence for soap perfume or food flavouring. One might than ideological, the men connotations stached to the have thought that more than a century of failed historicism had ation by both 19th afti century reformers bered established this lesson once and for all, but the illusion (or is it maker of or memory things the instance of simply the exploitation of a a number of things that

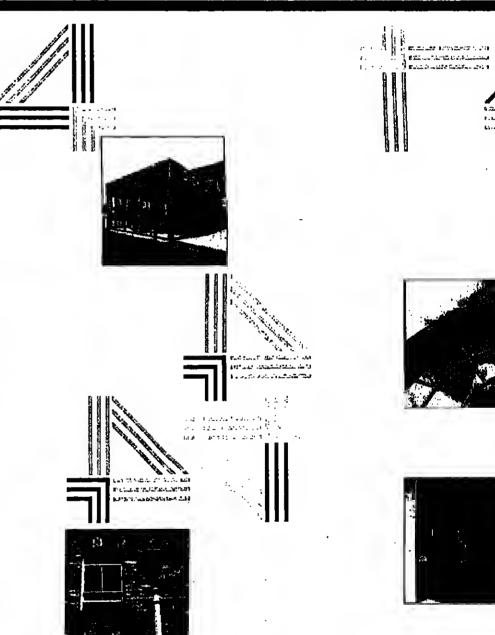
Robert Venturi felt that bear Crescent, Bath (John Wood 1757-75) and Robert Venturi felt that bear india (La Corbusier 1953-on) share the tligh Court building at behind their watts. tions or embodiments For example, Michelangelo decorated the Sistine Chapel, he did not ornament it; nor do we

> Ornament is the unnecessary enhancement of the self-sufficiency and autonomy of certaln kinds (not all kinds) of

call it "environmental art". Ornoment is always intrinsic to the formal design or architeeture. If it is not intrinsie, then it is lt is not structure, material, or

technique that is Immorally concealed by decoration, it is simply the architecture (if there is any), and not immoral, but simply illogical, for if you have real architecture, why conceal it? Of course, if there is little or no architectural quality present io a building, and if you have on hand a decorator of genius. (Michelangelo, for example), then it makes sense to decorate the building if (and this is a

crucial if) propriety demands It. The mausoleum of Galla



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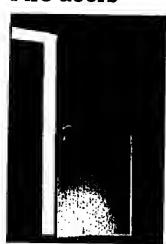
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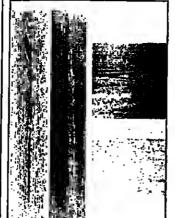


Skylights

and separate easement frames. The easement is dry-glazed with snapthick glazing. There is a quick release button to allow easy access to the roof fur maintenance, or as a means of escape. Purilan skylights are quick and easy to install.



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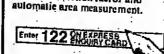
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HRH The Prince of Wales, 13 June 1986

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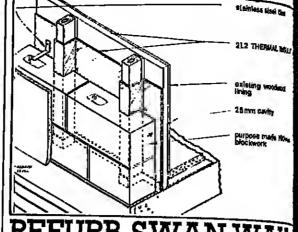
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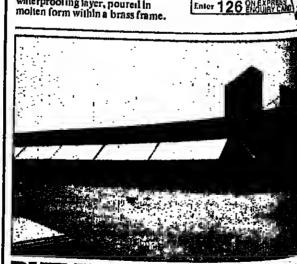
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KENT County Cricket Club on its new stand at the St Lawrence Oround, Canterbury, has commissioned Briggs Amason to reproduce the county's Invieta coat of arms twice in red and white mastle asphalt on the floor of the viewing inleony, immediately outside the drops leading to the executive club. The coats of arms are formed as an integral part of the BS 988RD mastle asphalt waterproofing layer, poured in molten form within a brass frame.





EXTERNAL shading is a feature generally used throughout much of Europe, though it has not yet caught on here. But the East Hertfordshire District Council offices in Bishops Stortford is an exception. Here Continental Awnings' external bilinds have been used dramatically to reduce the glare and solar gain through the building's vast windows. They are





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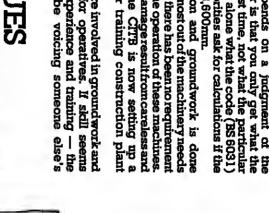
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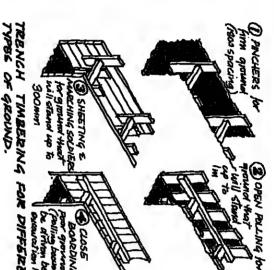
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This week

Saturday Development control, semurar organised by the Association of Christians in Planning and Venue: St Clements family centre. Cross Street, Oxford. Detnils: Andrew Patrick (0202) 600

Bullding, a seminur for specifiers organised by the British Standards Venue: BSI Conference Centre, Hampden House, Green Street, London WI. Details: Gordon Graham, Marketing Department, BSI, Milton Keynes MK 14 6LE. (0908)

Monday — Tuesday User Interfaces, a conference organised by the Gnitlieb Duttweiler Institute. Venue: The Gottlieb Duttweiler Institute, CH 8803 Ruschliknn/ZH, Switzerland. Cast: SFrs 1,150. Details: Dr T Bernold or Ma D Kunz-Wechler, 01-461 3716.

Monday — Thursday Responding to the Andit Commission report (soving energy

f. The Pirepines Book by Roxana

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McDonald. A practical guide, encompassing both functional and

4. The Classical Greens of Architecture

drawings and informative caption

nd practical usage of all the classics

items that have to be negotiated a

6. Construction Project Management

using Small Computers by Olen Peters.
As well as explaining the principles of

project management this book explains how they can be applied or

small computers and which particular systems are most suitable. Price £15.35.

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in local authorities), residential course for senior management in local anthorities organised by the Centre for Energy Studies. Venue: Avery Hill College, I ondon

Cost: 1250 Details: Centre for Energy Studies, South Bank Polytechnic, Borough Road, London SETOAA.

The use of stone in building, a course organised by the standing joint involving a visit to a masonry works or a site. Venue: Unconfirmed Cost: £25 per delegate, students registered with architectural schools £8.50. Detalls: The secretary, SJCNS, 82 Cavendish Street, London WIM 8AD.

Lecture on Richard Rogers by Martin Pawley, architecture correspondent for the Guardian Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London WI. 7pin to 2pm. Detalls: RAABI-734 9052.

Style for living, a major design aeminar, part of the Style for 87 Veauc: Earls Court Exhibition

Wednesday until October 31 Fine prints and drawings of architectural interest. Venue: The Building Centre Gallery

conference organised by GMBATU.

Tyne. 10nm-3.30pm.

painters and teachers.

Detalla: 107521 264645.

Thursday - Suturday

Cust: £75.

Devon PLI 2AR.

Venue: The Crest Hotel, New

Details: Alan Donelly, (091)

The hand that draws, lecture by

School of Architecture, Hoe

Philip O'Reilly in the series of lectures by orchitects, designers,

Centre, Notte Street, Plymouth,

Contractors and sub-contractors

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Venue: The Grand Hartel, Bristol. Details: Penny Juckson, Wynton Services, PO Box 132, Chellenhum,

Glos, GL50 111W. (1)242) 58277(1.

Homen in the elty: the role of the

Whitehurch Road, Chester,

arehileel, conference organised by Cheshire Society of Architects, Venue: Abbots Well Hotel,

Detalla Bill Ellis, Depurtment of

Technical Services, Town Hall, Chester CIII 21(N. (0244) 332121.

Thatching, seminar organised by the Thutching Advisory Service. Venue: Thutching Advisory Service, 29 Ning Mile Ride.

Finchampstead, ar Wokinglaun Berkshlre, 9,30am-5,30pm.

Advisory Service, (11734) 73-1203.

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Venues 911 Clallery, 26-28 Cramer Street, London WIM 3HE.

Details: Richard Burdett, 01-486

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Bridge Street, Newcastle-npon-

Details: Amanda Clark, 01-373 4537.

Structaral brickwork for architects. one-day course sponsored by the Brick Development Association

and organised by the Polytechnic of North London. lenue: Department of Environmental Design, North London Polytechnic. Details: John Oabourn or Gwyn Jones, Department of

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Venuer Polytechnic of Central London, Marylebone Road, London WI. 6.15pm. Detalls: Len Harris or Lawrence Revill, 01-226 1234 Jext 3270 or

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October 28 The use of stone in builder course organised by the arti-Venue: Geological Muses, Exhibition Road, Londett Cost: £25 per delegate # 14: Venue: White Dox Lecture Thentre, stitdenia registered with orchitectural schools. Details: The Secretary, Sico Covendish Street, London to

Building contracts stelle, seminar organised by Liqui Polytechnic department surveying. Venue: Liverpool Polyadis Clarence Street, Liverpost 121.

1)cinils: Anne Roberts MAT 3581 (extn 2601/2602).

October 29 Energy efficiency in hists, exhibition and semina, opin hy I nrnharough Colleged Technology.
Venue: Farnborough Conf.
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appropriate subject and have seven years relevant experience a -HNC or an alternative qualification in an appropriate subject and years relevant experience - or - have passed the Part 2 examination

Please quote reft 8.135/C

plication forms and job descriptions for all above ports for

appropriate reference.

legional Personnel Division, Gateway House, Piccadilly sour Manchester M60 7LP. Tel 061 236 9456 ext 614. Piesse stri

Closing date for receipt of completed application forms 15.00 noon Friday, 31st October, 1986.

Applicants should hold an ONC or an alternative qualification

projects throughout the Region.

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Knowledge and experience of major building procedures particularly those associated with health service building procurement, will be essential,

Further information, including detailed job description and application forms may be obtained from Mr James Glover, General Manager, Western Isles Health Board, 37 South Beach Street, Stornoway, Isle of Lewis. Applications should be returned to the General Manager to reach him not later than Friday 31st October 1986.

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There are a number of positions available and Interested candidates should have a broad based background in building, shoplitting or construction

Specific experience of retailing will be seen as a distinct advantage, but we are also interested in project managers with last food, catering, hotel or leisure related backgrounds.

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communication skills. The remuneration package includes a highly competitive salary company car performance related bonus, profit sharing schemes, retail discounts, private health care and relocation

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The neture of the section's work requires an Assistant who can be relied upon to work independently with minimum supervision and be ebia to give clear concise written and verbal reports.

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ith minimum of 4 years experience required to resting projects. Please send ov to:-owell-Tuck, Connor & Orefelt Unit 10, Chelsea Wharf 15 Lots Road

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Applications are welcome from anyone irrespective of their sex, marital status, raca, raligion, colour or disability.

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with experience urgarity are eded for rock on hospital buildings in East Lando area, Also survey/meetsured drawings required in North West Landon office, for details of these and other vacancies rings Professional & Technical Services

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White with CV to: Maine Denby and Gordon Badnell Chartered Architects di High Straet

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CINVED ARCHITECTS

More on up Holder and Mathias

Partnership

A knowledge of relett prejects, dockland housing development and formitantly with RUCAPS would be adventageous.

Sand your C.V. to Chris Lewis – 53 Mount Street Maylar London W.(Y &RE